**DOCUMENT RESUME**

ED 164 576 TM 007 890

| | |
|---|---|
| TITLE | Manual for the USTES General Aptitude Test Battery. Section II: Norms, Occupational Aptitude Pattern Structure. |
| INSTITUTION | Manpower Administration (DOL), Washington, D.C. |
| PUB DATE | 70 |
| NOTE | 140p.; For related documents, see TM 007 889, 008 801, and 008 281; Small type may be marginally legible |
| AVAILABLE FROM | Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (Stock Number 029-014-00016-7, $3.50) |
| EDRS PRICE | MF-$0.83 HC-$7.35 Plus Postage. |
| DESCRIPTORS | Adults; Aptitude Tests; Cutting Scores; Equated Scores; Grade 9; Grade 10; Higher Education; *Norms; *Occupational Tests; *Occupations; Senior High Schools; *Test Interpretation; *Vocational Aptitude |
| IDENTIFIERS | *General Aptitude Test Battery; *Test Manuals |

ABSTRACT

The nine aptitudes measured by the General Aptitude Test Battery (GATB) are intelligence, verbal aptitude, numerical aptitude, spatial aptitude, form perception, clerical perception, motor coordination, finger dexterity; and manual dexterity. This revised test manual presents: (1) percentile equivalents of aptitude or standard scores for adults, tenth graders, and ninth graders; (2) minimum intelligence scores as predictors of success in junior college, four-year college, and professional education; (3) a description of the Occupational Aptitude Pattern Structure (OAP), which displays GATB norms for the three age groups; (4) the standard error of measurement of the GATB; (5) OAP's, 1,100 occupations; (6) six important researched jobs not incorporated into the OAP; (7) an alphabetical index of occupations; and (8) a list of worker trait groups and OAP's in which they appear. The OAP's consist of the most significant aptitudes and the critical scores established as minimum (cutting) scores for a group of occupations having similar aptitude requirements. The titles and numerical codes for the occupations are taken from the Dictionary of Occupational Titles (CP)

**********
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
**********

ED164576

1970

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION
THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

Manual for the USTES

# General Aptitude Test Battery

## Section II: NORMS

## Occupational Aptitude Pattern Structure

TM 007 890

UNITED STATES DEPARTMENT OF LABOR

MANPOWER ADMINISTRATION

Washington, D.C. 20210

For sale by the Superintendent of Documents, U.S. Government Printing Office
Washington, D.C. 20402

Stock No. 029-014-00016-7

# FOREWORD

The General Aptitude Test Battery (GATB) was developed by the United States Employment Service and has been used since 1947 by State employment service offices. Since that time the GATB has been included in a continuing program of research to validate the tests against success in many different occupations. Because of its extensive research base, the GATB has come to be recognized as the best validated multiple aptitude test battery in existence for use in vocational guidance.

Many schools and other organizations have been authorized to use the GATB for counseling and research. Information regarding release of the GATB tests for these purposes may be obtained from State Employment Services.

The *Manual for the General Aptitude Test Battery* is published in four separate sections as follows:

Section I.—*Administration and Scoring*, contains the procedures for administration and scoring of the GATB, and conversion of the raw test scores to aptitude scores. Separate editions of Section I are published for B–1001 (the mark-in-booklet version) and B–1002 (separate answer sheet version).

Section II.—*Norms, Occupational Aptitude Pattern Structure*, shows the GATB occupational aptitude pattern structure which is used for counseling purposes. GATB norms for adults and 9th and 10th graders are shown for occupational families.

Section III.—*Development*, contains technical information on the development of the GATB; procedures for GATB occupational validation research; techniques used in developing the GATB occupational aptitude pattern structure; statistics on the relationships between the GATB and other tests; information on the effects of age, sex, minority group status, cultural exposure, disabilities and training on aptitude scores; information on the development of GATB norms for 9th and 10th graders; and guidelines for using GATB results.

Section IV.—*Norms, Specific Occupations*, contains GATB aptitude test norms used for selection for specific occupations. Also includes alphabetical and industrial indices of the many occupations for which norms have been developed.

Copies of the *Manual* sections are available to the public from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402.

# Table of Contents


| | Page |
|---|---|
| 1. Aptitudes Measured by the GATB | 1 |
| 2. Percentile Equivalents of Aptitude or Standard Scores | 3 |
| 3. Aptitude G (Intelligence) as a Predictor of College Success | 7 |
| 4. Description of Occupational Aptitude Structure | 9 |
| 5. Standard Error of Measurement of the GATB | 13 |
| 6. Occupational Aptitude Patterns: | |
| OAP-1 (G, N, S) WTG 371, 375, 466, 468, 473 | 15 |
| OAP-2 (G, V, N) WTG 237, 239, 245, 250, 261, 274, 294, 296, 312, 333, 337, 341, 343, 349, 381, 418, 473, 484 | 17 |
| OAP-3 (G, V, S) WTG 294, 335, 387, 430, 435, 466, 488 | 21 |
| OAP-4 (G, N, Q) WTG 237, 243, 245, 248, 252, 418 | 23 |
| OAP-5 (G, N, S) WTG 312, 373, 381 | 25 |
| OAP-6 (G, S, K) WTG 232, 308, 466, 473 | 26 |
| OAP-7 (G, S, P) WTG 228, 230, 232, 234, 339, 420, 422, 473, 477, 514 | 27 |
| OAP-8 (G, Q, K) WTG 287, 312, 477, 516 | 29 |
| OAP-9 (G, V, Q) WTG 243, 245, 250, 254, 256, 261, 263, 416, 477, 479 | 30 |
| OAP-10 (G, V, S) WTG 237, 258, 261, 299, 305, 435, 477 | 32 |
| OAP-11 (G, V, Q) WTG 241, 261, 435, 488, 507 | 34 |
| OAP-12 (G, V, M) WTG 299, 345 | 35 |
| OAP-13 (G, P, Q) WTG 245, 263, 278, 287, 416, 418, 420, 447 | 36 |
| OAP-14 (G, N, Q) WTG 245, 256, 258, 265, 269, 276, 280, 420, 435, 488 | 38 |
| OAP-15 (G, S, M) WTG 312, 322, 413, 430, 477, 486 | 40 |
| OAP-16 (G, V, N) WTG 261, 265, 280, 299 | 42 |
| OAP-17 (G, V, Q) WTG 258, 276, 280, 289, 312, 345, 477 | 43 |
| OAP-18 (G, V, K) WTG 287, 477, 479 | 45 |
| OAP-19 (G, S, F) WTG 312, 319, 430, 447 | 46 |
| OAP-20 (G, Q, F) WTG 267, 274, 289, 299, 322, 477 | 47 |
| OAP-21 (G, K, M) WTG 322, 430, 511 | 49 |
| OAP-22 (G, V, Q) WTG 245, 258, 265, 276, 404, 461, 479 | 50 |
| OAP-23 (G, N, Q) WTG 271, 280, 282, 360, 404, 435, 444 | 52 |

Page

OAP-24 (G, P, Q) WTG 289, 322, 427 ---- 54
OAP-25 (G, P, K) WTG 280, 282, 291 ---- 55
OAP-26 (G, K, M) WTG 411, 430, 444, 447 ---- 56
OAP-27 (G, K, F) WTG 322, 360 ---- 57
OAP-28 (G, F, M) WTG 322, 435, 447 ---- 58
OAP-29 (V, Q, K) WTG 245, 248, 258, 274, 276, 289, 291 ---- 59
OAP-30 (V, N, K) WTG 413, 493, 501 ---- 61
OAP-31 (N, S, Q) WTG 385, 418, 466 ---- 62
OAP-32 (N, F, M) WTG 430, 503 ---- 63
OAP-33 (N, P, Q) WTG 280 ---- 64
OAP-34 (N, S, P) WTG 312, 319, 377, 379, 420, 430, 435 ---- 65
OAP-35 (N, S, F) WTG 312, 430 ---- 67
OAP-36 (N, P, M) WTG 271, 312, 319, 322, 360 ---- 68
OAP-37 (N, S, M) WTG 271, 282, 312, 319, 322, 430 ---- 69
OAP-38 (N, S, K) WTG 276, 312, 435, 444, 519 ---- 71
OAP-39 (N, Q, K) WTG 258, 265, 267, 276, 322 ---- 72
OAP-40 (N, Q, M) WTG 265, 271, 282, 360, 507 ---- 73
OAP-41 (S, Q, K) WTG 312, 322 ---- 74
OAP-42 (S, P, M) WTG 234, 271, 312, 319, 322, 430, 433, 499 ---- 75
OAP-43 (S, P, F) WTG 282, 310, 312, 319, 322, 360, 435, 447 ---- 78
OAP-44 (S, P, K) WTG 282, 322, 360, 433, 447 ---- 80
OAP-45 (S, Q, F) WTG 319, 322, 360, 447 ---- 82
OAP-46 (S, K, M) WTG 319, 322, 447 ---- 83
OAP-47 (S, F, M) WTG 271, 282, 312, 322, 356, 360, 430, 435, 444, 447 ---- 84
OAP-48 (S, P, M) WTG 282, 312, 322, 356, 435, 447, 479, 503 ---- 87
OAP-49 (P, F, M) WTG 282, 322, 360 ---- 89
OAP-50 (P, K, M) WTG 282, 312, 322, 360, 435, 444, 447 ---- 90
OAP-51 (P, K, M) WTG 282, 319, 322, 356, 360, 435, 447, 507 ---- 92
OAP-52 (P, Q, M) WTG 271, 282, 312, 319, 322, 418, 430, 435, 477 ---- 95
OAP-53 (P, F, M) WTG 322 ---- 97
OAP-54 (P, K, F) WTG 312, 322, 360, 499 ---- 98
OAP-55 (P, K, M) WTG 271, 282, 312, 356, 360, 444, 447 ---- 99
OAP-56 (P, F, M) WTG 282, 322, 356, 360, 435, 447, 503, 507 ---- 101
OAP-57 (Q, K, M) WTG 274, 282, 287, 289, 360, 479 ---- 104
OAP-58 (Q, K, F) WTG 271, 276, 280, 289, 360 ---- 106
OAP-59 (Q, F, M) WTG 271, 282, 319, 322, 447 ---- 108
OAP-60 (Q, K, M) WTG 319, 322, 360, 435 ---- 109
OAP-61 (K, F, M) WTG 282, 322, 356, 360, 435, 447 ---- 110
OAP-62 (K, F, M) WTG 322, 356, 360, 435, 447, 503, 507 ---- 113

7. Important Researched Jobs Not Incorporated into OAP Structure ---- 117

8. Alphabetical Index of Occupations ---- 119

9. List of Worker Trait Groups and OAP's in Which They Appear ---- 141

# 1. Aptitudes Measured by the GATB

The nine aptitudes measured by the GATB, are listed below. The letter used as the symbol to identify each aptitude and the part or parts of the GATB measuring each aptitude are also shown.

| Aptitude | Tests |
|---|---|
| G—Intelligence | Part 3—Three-Dimensional Space<br>Part 4—Vocabulary<br>Part 6—Arithmetic Reason |
| V—Verbal Aptitude | Part 4—Vocabulary |
| N—Numerical Aptitude | Part 2—Computation<br>Part 6—Arithmetic Reason |
| S—Spatial Aptitude | Part 3—Three-Dimensional Space |
| P—Form Perception | Part 5—Tool Matching<br>Part 7—Form Matching |
| Q—Clerical Perception | Part 1—Name Comparison |
| K—Motor Coordination | Part 8—Mark Making |
| F—Finger Dexterity | Part 11—Assemble<br>Part 12—Disassemble |
| M—Manual Dexterity | Part 9—Place<br>Part 10—Turn |

The following are the definitions of the nine aptitudes measured by the GATB:

**G—Intelligence.**—General learning ability. The ability to "catch on" or understand instructions and underlying principles; the ability to reason and make judgments. Closely related to doing well in school. Measured by Parts 3, 4, and 6.

**V—Verbal Aptitude.**—The ability to understand meaning of words and to use them effectively. The ability to comprehend language, to understand relationships between words and to understand meanings of whole sentences and paragraphs. Measured by Part 4.

**N—Numerical Aptitude.**—Ability to perform arithmetic operations quickly and accurately. Measured by Parts 2 and 6.

**S—Spatial Aptitude.**—Ability to think visually of geometric forms and to comprehend the two-dimensional representation of three-dimensional objects. The ability to recognize the relationships resulting from the movement of objects in space. Measured by Part 3.

**P—Form Perception.**—Ability to perceive pertinent detail in objects or in pictorial or graphic material. Ability to make visual comparisons and discriminations and see slight differences in shapes and shadings of figures and widths and lengths of lines. Measured by Parts 5 and 7.

**Q—Clerical Perception.**—Ability to perceive pertinent detail in verbal or tabular material. Ability to observe differences in copy, to proofread words and numbers, and to avoid perceptual errors in arithmetic computation. A measure of speed of perception which is required in many industrial jobs even when the job does not have verbal or numerical content. Measured by Part 1.

**K—Motor Coordination.**—Ability to coordinate eyes and hands or fingers rapidly and accurately in making precise movements with speed. Ability to make a movement response accurately and swiftly. Measured by Part 8.

**F—Finger Dexterity.**—Ability to move the fingers, and manipulate small objects with the fingers, rapidly or accurately. Measured by Parts 11 and 12.

**M—Manual Dexterity.**—Ability to move the hands easily and skillfully. Ability to work with the hands in placing and turning motions. Measured by Parts 9 and 10.

## 2. Percentile Equivalents of Aptitude or Standard Scores

**Percentile Equivalents of Adult Scores.**—The GATB was standardized on a general working population sample of 4,000 individuals. The standardization procedure is presented in Section III of the *Manual for the GATB*. An aptitude score of 100 is average for the general working population, and the standard deviation of the distribution of scores for each aptitude is 20. Thus, a score of 100 approximates the 50th percentile for the general working population; a score of 80 is one standard deviation below the average and approximates the 16th percentile for the general working population (about 16 percent of the general working population fall below that score, whereas about 84 percent make that score or higher). Similarly, a score of 120 is one standard deviation above the average and approximates the 84th percentile; and a score of 140, which is two standard deviations above the average, approximates the 98th percentile (about 98 percent of the general working population have scores below 140). The percentiles corresponding to adult aptitude scores are shown in Table I on page 4.

**Percentile Equivalents of 9th- and 10th-Grade Scores.**—Since aptitude scores in the 9th and 10th grades average lower than adult scores, Table I cannot be used in interpreting scores of 9th- and 10th-graders. Tables II and III on pages 5 and 6 show projected percentile equivalents of the scores of 9th- and 10th-graders derived from the distribution of adult-level scores these students can be expected to make as 12th-graders. Ninth- and tenth-grade percentile scores may be interpreted in the same way that an adult's percentile scores shown in Table I on page 4 are interpreted. That is, the percentile scores for adults, 9th-graders, and 10th-graders all refer to the same general working population. Thus, the percentile scores of 9th- or 10th-graders provide indications of how students can be expected to compare with adults in the general working population at the time they achieve their adult-level aptitude scores.

*Table I*

*Adult Aptitude or Standard Scores and Corresponding Percentiles*

| Adult aptitude or standard score | Percentile |
|---|---|
| 145 | 99 |
| 140 | 98 |
| 135 | 96 |
| 130 | 93 |
| 125 | 89 |
| 120 | 84 |
| 115 | 77 |
| 110 | 69 |
| 105 | 60 |
| 100 | 50 |
| 95 | 40 |
| 90 | 31 |
| 85 | 23 |
| 80 | 16 |
| 75 | 11 |
| 70 | 7 |
| 65 | 4 |
| 60 | 2 |
| 55 | 1 |

*Table II*

***Projected Percentile Equivalents of 10th-Grade Aptitude or Standard Scores (Based on GATB Longitudinal Maturation Study)***

| 10th grade aptitude scores | Percentile equivalents* of GATB aptitudes | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | G | V | N | S | P | Q | K | F | M |
| 145 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 140 | 99 | 99 | 99 | 98 | 98 | 99 | 99 | 99 | 99 |
| 135 | 98 | 98 | 98 | 97 | 96 | 98 | 98 | 98 | 98 |
| 130 | 96 | 96 | 96 | 95 | 94 | 96 | 97 | 96 | 96 |
| 125 | 93 | 94 | 94 | 91 | 90 | 93 | 95 | 94 | 94 |
| 120 | 88 | 89 | 90 | 86 | 85 | 89 | 91 | 90 | 90 |
| 115 | 83 | 84 | 85 | 80 | 80 | 84 | 86 | 84 | 85 |
| 110 | 76 | 76 | 79 | 73 | 73 | 76 | 80 | 77 | 79 |
| 105 | 67 | 67 | 71 | 62 | 64 | 67 | 73 | 69 | 71 |
| 100 | 58 | 58 | 62 | 52 | 56 | 58 | 64 | 60 | 62 |
| 95 | 48 | 46 | 50 | 42 | 46 | 48 | 52 | 50 | 52 |
| 90 | 38 | 36 | 40 | 33 | 36 | 38 | 42 | 40 | 42 |
| 85 | 29 | 26 | 31 | 24 | 29 | 27 | 33 | 31 | 33 |
| 80 | 21 | 18 | 23 | 16 | 21 | 20 | 24 | 23 | 24 |
| 75 | 15 | 12 | 16 | 11 | 15 | 14 | 17 | 16 | 17 |
| 70 | 10 | 7 | 11 | 7 | 11 | 9 | 12 | 11 | 12 |
| 65 | 6 | 4 | 7 | 4 | 7 | 5 | 7 | 7 | 7 |
| 60 | 4 | 2 | 4 | 2 | 4 | 3 | 4 | 4 | 4 |
| 55 | 2 | 1 | 2 | 1 | 3 | 2 | 3 | 2 | 3 |
| 50 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 45 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

*These percentile equivalents for 10th-grade students are derived from the distribution of adult-level scores which the students could be expected to make as 12th-graders.

*Table III*

*Projected Percentile Equivalents of 9th-Grade Aptitude or Standard Scores (Based on GATB Longitudinal Maturation Study)*

| 9th grade aptitude scores | Percentile equivalents* of GATB aptitudes | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | G | V | N | S | P | Q | K | F | M |
| 140 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 135 | 99 | 99 | 99 | 98 | 98 | 99 | 99 | 99 | 99 |
| 130 | 97 | 99 | 97 | 96 | 96 | 98 | 98 | 98 | 98 |
| 125 | 96 | 97 | 96 | 94 | 94 | 96 | 97 | 96 | 96 |
| 120 | 93 | 95 | 92 | 89 | 90 | 94 | 95 | 93 | 93 |
| 115 | 87 | 90 | 87 | 84 | 85 | 80 | 91 | 88 | 89 |
| 110 | 82 | 84 | 82 | 77 | 80 | 84 | 86 | 83 | 84 |
| 105 | 74 | 76 | 74 | 69 | 73 | 76 | 80 | 76 | 77 |
| 100 | 66 | 66 | 64 | 58 | 64 | 67 | 73 | 67 | 69 |
| 95 | 54 | 54 | 54 | 48 | 56 | 58 | 64 | 58 | 58 |
| 90 | 44 | 44 | 44 | 38 | 46 | 46 | 54 | 46 | 48 |
| 85 | 34 | 33 | 33 | 27 | 36 | 36 | 44 | 36 | 38 |
| 80 | 24 | 23 | 24 | 20 | 27 | 26 | 34 | 27 | 29 |
| 75 | 17 | 15 | 17 | 14 | 21 | 18 | 26 | 20 | 21 |
| 70 | 12 | 9 | 12 | 8 | 15 | 12 | 18 | 14 | 15 |
| 65 | 7 | 5 | 7 | 5 | 10 | 7 | 12 | 9 | 10 |
| 60 | 4 | 3 | 4 | 3 | 7 | 4 | 7 | 5 | 5 |
| 55 | 2 | 1 | 2 | 1 | 4 | 2 | 4 | 3 | 3 |
| 50 | 1 | 1 | 1 | 1 | 2 | 1 | 3 | 2 | 2 |
| 45 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

*These percentile equivalents for 9th-grade students are derived from distribution of adult-level scores which the students could be expected to make as 12th-graders.

## 3. Aptitude G (Intelligence) as a Predictor of College Success*

| *Type of college* | *GATB minimum Aptitude G score* |
|---|---|
| Junior college—a college in which a degree or certificate is granted after 2 years of study | 100 |
| 4-year college—a college offering courses which usually lead to a bachelor's degree after 4 years of study | 110 |
| Professional college—a college offering highly specialized professional courses such as medicine, dentistry, and engineering | 120 |

*For detailed information regarding the relationship between performance on the GATB and academic success see Section III of the *Manual for the GATB*.

# 4. Description of Occupational Aptitude Pattern Structure

This Section of the *Manual for the GATB* provides norms for adults, 9th-grade students, and 10th-grade students. The same norms are used for both forms A and B of the GATB, B–1002 and for the GATB, B–1001.

Occupational norms are shown in terms of a structure consisting of a series of occupational aptitude patterns. Each occupational aptitude pattern (OAP) consists of the most significant aptitudes and the critical scores on these aptitudes established as minimum scores for a group of occupations having similar aptitude requirements. The occupational titles and codes for the occupations shown in the occupational aptitude pattern structures are taken from the Dictionary of Occupational Titles (DOT). The specific occupations in each OAP have been assigned a DOT code. When an occupation in an OAP is prefaced with a number sign (#), it indicates that the occupation is not shown in the DOT.

The occupations are arranged by DOT Worker Trait Groups as shown in Volume II of the Dictionary of Occupational Titles (1965). Within each Worker Trait Group (WTG), occupations are listed in ascending order according to DOT code. Space is left at the end of each WTG shown within an OAP to insert additional occupations which may need to be added to the structure.

Aptitude test batteries used by all State employment security agencies in the selection of applicants for referral to specific occupations are designated by "S-numbers." The S-number designations of such test batteries and the specific aptitude norms for adults are shown next to each occupation in the OAP structure for which such a test battery has been developed. Batteries designated as Plant Norms (PN) are not suitable for use in selection of applicants by all State employment security agencies (usually because of small sample size) but are used in the selection of applicants for the employer who cooperated in the research. A few aptitude test batteries used by all State employment security agencies are not included in the OAP structure because they did not fit into OAP groupings with other jobs. As additional studies are conducted it may be possible to incorporate these occupations into the OAP structure. Information on the development of the occupational aptitude pattern structure and of specific aptitude test batteries and on the validity of occupational aptitude pattern and specific aptitude test battery norms can be found in Section III of the *Manual for the GATB*.

One of three symbols precedes the DOT code of all entries in the OAP structure for which test development data have been collected. These symbols are:

1. An asterisk (*). This means that the OAP norms contain the same aptitudes and are within 10 points of the specific norms established for the occupation when the specific norms involve three aptitudes. (When the specific norms involve only two aptitudes, both of the aptitudes are in the OAP and the norms are within 10 points of the specific norms; when the specific norms involve four aptitudes, three of the aptitudes are in the OAP and the norms are within 10 points of the specific norms.) An asterisk also means that application of the OAP norms to the criterion data yielded statistically significant results. (A Yates' corrected chi square at least at the .10 level.) The structure contains 461 titles with asterisks.

2. A double asterisk (**). This means that the specific norms established for the occupation do not meet all of the requirements for incorporation (i.e. one or more of the aptitudes in the OAP norms may be different from those in the specific norms or one or more aptitudes in the OAP may not be within 10 points of the specific norms). However, application of the OAP norms to the criterion data yielded statistically significant results (at least at the .10 level) and, therefore, the occupation was entered into the OAP. A double asterisk job usually will not qualify for entry as an asterisk job in another OAP. In the few instances where the double asterisk job does qualify

for inclusion elsewhere, that OAP was judged to be inappropriate based on job analysis information. The structure contains 57 titles with double asterisks.

3. A dagger (†). This means that the norms established for the occupation may or may not be similar to the norms of the OAP in which it has been entered but application of the OAP norms to the criterion data does not produce statistically significant results. However, based on the job analysis information the occupation was judged to be related to other occupations in the OAP which met the necessary requirements. Using this information the occupation was entered into the OAP. A dagger job usually will not qualify for entry as an asterisk or double asterisk job in another OAP. In the few instances where a dagger job does qualify for inclusion elsewhere, that OAP was judged to be inappropriate based on job analysis information. The structure contains 47 titles with daggers.

All other occupations in this section (650) have no symbol preceding the occupational code. This indicates that no test development study has been conducted on the occupation. The occupation has been entered into the OAP based solely on the relationship of this occupation to other occupations in the OAP which have been researched and met the statistical requirements for OAP entry. The selection of related occupations for entry into the structure was based on the following considerations:

1. Similarity of estimates of aptitude requirements of related occupations to aptitude requirements established for researched occupations.

2. Similarity of job duties of related occupations to job duties of researched occupations.

3. As far as possible, representative jobs which would reflect different labor markets and areas of the country were selected.

4. Significant occupations within various occupational groups were selected to the extent possible.

5. In OAP's where lower skilled jobs were included, jobs were selected which might provide an entry point into an industry and jobs avoided which would seem to be dead-end.

6. Where difficulty was encountered in selecting jobs for an OAP and the number of possible occupations was limited, jobs were selected for which demand might be greater and which are steady over those which are seasonal and/or more subject to diminishing demand.

As asterisk and double asterisk occupations have statistical bases for placement in an OAP, more confidence can be placed in the OAP allocation for these jobs than for jobs without symbols. On the other hand, statistical evidence contradicts the qualitative assignment of dagger jobs to an OAP, so less confidence can be placed in the OAP allocation of these jobs than for jobs without symbols.

Occupations which are important for counseling and have been studied but not included in the structure are shown at the end of the structure. Both the "S" number and the specific norms are shown. The total number of occupational titles covered in this section is 1221.

Occupational aptitude pattern norms have been established for the GATB which permit the use of the GATB for counseling 9th- and 10th-grade students. Since 9th- and 10th-grade students have not reached aptitude maturity, they tend to have lower aptitude scores than adults. Ninth- and tenth-grade cutting scores for each OAP are, therefore, lower than those for adults. These cutting scores are shown with the adult cutting scores in each OAP. While it would not be practical to show separate ninth- and tenth-grade norms for each specific occupation listed, the tables below show ninth- and tenth-grade cutting scores so that norms for specific occupations may be adjusted, when appropriate. Information on the development of OAP norms for 9th- and 10th-graders can be found in Section III of the *Manual for the GATB*.

***Tenth Grade Aptitude Cutting Scores Corresponding to Adult Cutting Scores***

| Adults Score | Aptitudes of the GATB | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | G | V | N | S | P | Q | K | F | M |
| 130 | 125 | 124 | 124 | 128 | 129 | 125 | 123 | 124 | 124 |
| 125 | 120 | 120 | 119 | 123 | 124 | 120 | 118 | 120 | 119 |
| 120 | 116 | 115 | 114 | 118 | 119 | 115 | 113 | 115 | 114 |
| 115 | 111 | 110 | 109 | 113 | 113 | 111 | 108 | 110 | 109 |
| 110 | 106 | 106 | 104 | 109 | 108 | 106 | 103 | 105 | 104 |
| 105 | 101 | 101 | 100 | 104 | 102 | 101 | 99 | 100 | 99 |
| 100 | 96 | 97 | 94 | 99 | 97 | 96 | 94 | 95 | 94 |
| 95 | 91 | 92 | 90 | 94 | 92 | 91 | 89 | 90 | 89 |
| 90 | 86 | 88 | 85 | 89 | 86 | 86 | 84 | 85 | 84 |
| 85 | 81 | 83 | 80 | 84 | 81 | 82 | 79 | 80 | 79 |
| 80 | 76 | 78 | 75 | 80 | 76 | 77 | 74 | 75 | 74 |
| 75 | 71 | 74 | 70 | 75 | 70 | 72 | 69 | 70 | 69 |
| 70 | 66 | 69 | 65 | 70 | 65 | 67 | 64 | 65 | 64 |
| 65 | 61 | 65 | 60 | 65 | 60 | 63 | 59 | 60 | 59 |
| 60 | 56 | 60 | 55 | 60 | 54 | 58 | 54 | 56 | 54 |

***Ninth Grade Aptitude Cutting Scores Corresponding to Adult Cutting Scores***

| Adult Score | Aptitudes of the GATB | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | G | V | N | S | P | Q | K | F | M |
| 130 | 121 | 118 | 121 | 124 | 124 | 119 | 118 | 121 | 120 |
| 125 | 117 | 114 | 117 | 120 | 119 | 115 | 113 | 116 | 115 |
| 120 | 112 | 110 | 112 | 115 | 114 | 110 | 108 | 111 | 110 |
| 115 | 107 | 106 | 107 | 110 | 108 | 105 | 103 | 106 | 105 |
| 110 | 102 | 101 | 103 | 106 | 103 | 101 | 98 | 101 | 100 |
| 105 | 98 | 97 | 98 | 101 | 98 | 96 | 93 | 96 | 95 |
| 100 | 93 | 93 | 93 | 96 | 92 | 92 | 88 | 91 | 91 |
| 95 | 88 | 89 | 88 | 91 | 87 | 87 | 83 | 87 | 86 |
| 90 | 83 | 84 | 83 | 87 | 82 | 83 | 78 | 82 | 81 |
| 85 | 79 | 80 | 79 | 82 | 76 | 78 | 73 | 77 | 76 |
| 80 | 74 | 76 | 74 | 77 | 71 | 73 | 68 | 72 | 71 |
| 75 | 69 | 72 | 70 | 73 | 66 | 69 | 64 | 67 | 66 |
| 70 | 64 | 68 | 65 | 68 | 60 | 64 | 59 | 62 | 62 |
| 65 | 60 | 63 | 60 | 63 | 55 | 60 | 54 | 57 | 57 |
| 60 | 55 | 59 | 55 | 58 | 50 | 55 | 49 | 52 | 52 |

# 5. The Standard Error of Measurement of the GATB

The Standard Error of Measurement ($SE_m$) of a test is an index of the reliability of individual scores on the test. The $SE_m$ is expressed in the same units as the test score itself. The following $SE_m$'s have been established for the nine aptitudes of the GATB:

G—6 points
V—6 points
N—6 points
S—8 points
P—9 points
Q—9 points
K—7 points
F—12 points
M—11 points

(See chapter 15 of Section III, *Manual for the GATB.*)

*Interpretation of an Individual's Scores with Respect to Norms for Occupational Aptitude Patterns*

The individual's GATB scores are compared with norms for an OAP and a letter grade "H" "M" or "L" is assigned for the occupation. The procedure for assigning a letter grade is as follows:

1. If the individual's obtained scores meet or exceed all three of the norms, a letter grade of "H" is assigned.
2. If the individual's obtained scores plus one standard error of measurement ($SE_m$) meet or exceed all three of the norms, a letter grade of "M" is assigned.
3. If the individual's scores are below the requirements for an "M", the letter grade "L" is assigned.

EXAMPLES OF THE SCORING PROCEDURE ARE BELOW:

| | G | V | N | S | P | Q | K | F | M |
|---|---|---|---|---|---|---|---|---|---|
| Individual's Obtained Scores | 81 | 80 | 82 | 85 | 90 | 93 | 91 | 82 | 85 |
| 1 $SE_m$ | 6 | 6 | 6 | 8 | 9 | 9 | 7 | 12 | 11 |
| Obtained Scores + 1 $SE_m$ | 87 | 86 | 88 | 93 | 99 | 102 | 98 | 94 | 96 |
| OAP—44 norms | | | | 80 | 85 | | 90 | | |
| OAP—42 norms | | | | 90 | 85 | | | | 85 |
| OAP—37 norms | | | 80 | 95 | | | | | 85 |

For OAP-44, the obtained scores exceed all three of the norms. Therefore, the letter grade is "H". For OAP-42, the obtained scores do not meet all the norms. (The Aptitude S score of 85 is below the norm of 90.) However, the obtained score plus 1 $SE_m$ (93 for Aptitude S) exceeds the norms. Therefore, the letter grade is "M". For OAP-37, neither the obtained scores nor the obtained scores plus $SE_m$ meet the norms. (The Aptitude S score plus 1 $SE_m$ is 93 which is below the norms of 95 for Aptitude S.) The letter grade "L" is assigned.

The interpretation of these letter grades is as follows:

H—The individual's scores equal or exceed those of workers judged to be satisfactory in the occupations. If he is also qualified on the basis of factors other than aptitudes, there is a good probability that he will do well on the job.

M—The individual's scores are close to those of workers judged to be satisfactory in the occupations. However, the chances of his doing well on the job are somewhat lower than that of persons in the "H" category.

L—The individual's scores are similar to or below those of workers found to be unsatisfactory in the occupation. The probability of his being satisfactory on the job is low and he should be considered for other jobs which utilize his stronger aptitudes.

# 6. Occupational Aptitude Patterns

## OAP-1

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 125 | 120 | 117 |
| N (Numerical Aptitude) | 115 | 109 | 107 |
| S (Spatial Aptitude) | 115 | 113 | 110 |

| | | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | G | V | N | S | P | Q | K | F | M |
| | | | 125 | | 115 | 115 | | | | | |
| WTG p. 371 | ENGINEERING RESEARCH AND DESIGN | | | | | | | | | | |
| 001.081 | Architect (profess. & kin.) | | | | | | | | | | |
| 001.081 | Architect, Marine (profess. & kin.) | | | | | | | | | | |
| 002.081 | Aeronautical Engineer (profess. & kin.) | | | | | | | | | | |
| *003.081 | Electrical Engineer (profess. & kin.) | 36 | 125 | | 115 | 115 | | | | | |
| 003.081 | Electronic Engineer (profess. & kin.) | | | | | | | | | | |
| *005.081 | Civil Engineer (profess. & kin.) | 36 | 125 | | 115 | 115 | | | | | |
| 005.081 | Structural Engineer (const.) | | | | | | | | | | |
| 007.081 | Automotive Engineer (auto. mfg.) | | | | | | | | | | |
| *007.081 | Mechanical Engineer (profess. & kin.) | 36 | 125 | | 115 | *115 | | | | | |
| *008.081 | Chemical Engineer (profess. & kin.) | 36 | 125 | | 115 | 115 | | | | | |
| 010.081 | Mining Engineer (profess. & kin.) | | | | | | | | | | |
| 011.081 | Metallurgist, Extractive (profess. & kin.) | | | | | | | | | | |
| WTG p. 375 | ENGINEERING, SCIENTIFIC, AND TECHNICAL COORDINATION | | | | | | | | | | |
| *012.168 | Systems Analyst, Business Electronic Data Processing (profess. & kin.) | 315 | 120 | 105 | 110 | 105 | | | | | |
| WTG p. 466 | SCIENTIFIC RESEARCH | | | | | | | | | | |
| 022.081 | Chemist, Analytical (profess. & kin.) | | | | | | | | | | |
| 023.081 | Physicist (profess. & kin.) | | | | | | | | | | |
| 024.081 | Geologist (profess. & kin.) | | | | | | | | | | |

## OAP-1—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 125 | 120 | 117 |
| N (Numerical Aptitude) | 115 | 109 | 107 |
| S (Spatial Aptitude) | 115 | 113 | 110 |

| | | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | G | V | N | S | P | Q | K | F | M |
| | | | 125 | | 115 | 115 | | | | | |
| WTG p. 468 | MATHEMATICS, PHYSICAL SCIENCES, AND RELATED RESEARCH | | | | | | | | | | |
| †020.088 | Mathematician (profess. & kin.) | 213 | 130 | | 120 | 120 | | | | | |
| 020.188 | Actuary (profess. & kin.) | | | | | | | | | | |
| *020.188 | Programer, Business (profess. & kin.) | 314 | 115 | 105 | 110 | 105 | | | | | |
| *020.188 | Programer, Engineering and Scientific (profess. & kin.) | 316 | 125 | 110 | 110 | 105 | | | | | |
| 020.188 | Statistician, Applied (profess. & kin.) | | | | | | | | | | |
| 025.088 | Meteorologist (profess. & kin.) | | | | | | | | | | |
| WTG p. 473 | MEDICAL, VETERINARY, AND RELATED SERVICES | | | | | | | | | | |
| *070.108 | General Practitioner (medical ser.) | 39 | 125 | | 115 | 110 | 110 | | | | |

# OAP-2

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 110 | 106 | 102 |
| V (Verbal Aptitude) | 105 | 101 | 97 |
| N (Numerical Aptitude) | 105 | 100 | 98 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 110 | 105 | 105 | | | | | | |
| **WTG p. 237 ADMINISTRATION** | | | | | | | | | | |
| 045.118 Director of Guidance in Public Schools (education) | | | | | | | | | | |
| 075.118 Director, Nursing Service (medical ser.) | | | | | | | | | | |
| 099.118 Supervisor, Education (education) | | | | | | | | | | |
| 153.118 Director, Athletic (education) II | | | | | | | | | | |
| 161.118 Union Timestudy Man (clerical) | | | | | | | | | | |
| 163.118 Manager, Sales (any ind.) | | | | | | | | | | |
| 166.118 Director, Industrial Relations (profess. & kin.) | | | | | | | | | | |
| 184.118 Manager, Station (radio & tv broad.) | | | | | | | | | | |
| 186.118 Manager, Insurance (any ind.) | | | | | | | | | | |
| 187.118 Business Agent, Labor Union (profess. & kin.) | | | | | | | | | | |
| **WTG p. 239 CONTRACT NEGOTIATING AND RELATED WORK** | | | | | | | | | | |
| 180.118 Field Man (any ind.) | | | | | | | | | | |
| 184.118 District Sales Representative (motor trans.) | | | | | | | | | | |
| **WTG p. 245 MANAGERIAL WORK** | | | | | | | | | | |
| *077.168 Dietitian (profess. & kin.) | 55 | 105 | 105 | 110 | | | | | | |
| *187.168 Director, Funeral (per. ser.) | 93 | 100 | 95 | 105 | | | | | | |
| †187.168 Manager, Theater (amuse. & rec.) | 30 | 95 | 95 | 105 | | | | | | |
| **WTG p. 250 INTERVIEWING, INFORMATION-GIVING, AND RELATED WORK (VOCATIONAL, EDUCATIONAL AND RELATED ACTIVITIES)** | | | | | | | | | | |
| *166.268 Employment Interviewer (profess. & kin.) I | PN | 105 | 105 | 105 | | | 110 | | | |
| *169.268 Claims Taker, Unemployment Benefits (gov. ser.) | PN | 105 | 105 | 105 | | | 110 | | | |
| *249.268 Survey Worker (clerical) | 6 | 105 | 110 | 95 | | | 95 | | | |

## OAP-2—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 110 | 106 | 102 |
| V (Verbal Aptitude) | 105 | 101 | 97 |
| N (Numerical Aptitude) | 105 | 100 | 98 |

| | | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | G | V | N | S | P | Q | K | F | M |
| | | | 110 | 105 | 105 | | | | | | |
| WTG p. 261 | SCHEDULING, DISPATCHING, EXPEDITING, AND RELATED WORK | | | | | | | | | | |
| *193.168 | Air-Traffic-Control Specialist, Tower (gov. ser.) | 256 | 110 | 100 | 110 | | 85 | | | | |
| *919.168 | Dispatcher, Motor Vehicle (clerical) | 251 | 115 | 100 | 100 | | | | | | |
| WTG p. 274 | TYPESETTING, REPRODUCING, AND RELATED MACHINE WORK | | | | | | | | | | |
| *213.382 | Digital-Computer Operator (clerical) | 286 | 110 | 95 | 100 | | | | | | |
| WTG p. 294 | SOCIAL SCIENCE, PSYCHOLOGICAL, AND RELATED RESEARCH | | | | | | | | | | |
| †054.088 | Sociologist (profess. & kin.) | 254 | 115 | 110 | | | | | | | |
| WTG p. 296 | GUIDANCE AND COUNSELING | | | | | | | | | | |
| **045.108 | Counselor (profess. & kin.) II | 451 | 105 | | 105 | | | 105 | | | |
| 099.208 | Teacher, Visiting (education) | | | | | | | | | | |
| *195.108 | Case Worker (profess. & kin.) | 175 | 105 | 105 | 105 | | | | | | |
| 195.108 | Community Relations and Services Advisor, Public Housing (profess. & kin.) | | | | | | | | | | |
| 195.108 | Group Worker (profess. & kin.) | | | | | | | | | | |
| WTG p. 312 | CRAFTSMANSHIP AND RELATED WORK | | | | | | | | | | |
| *338.381 | Embalmer (per. ser.) | 93 | 100 | 95 | 105 | | | | | | |

## OAP-2—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 110 | 106 | 102 |
| V (Verbal Aptitude) | 105 | 101 | 97 |
| N (Numerical Aptitude) | 105 | 100 | 98 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 110 | 105 | 10[illegible] | | | | | | |
| WTG p. 333 SUPERVISORY AND INSTRUCTIVE WORK (NURSING AND RELATED SERVICES) | | | | | | | | | | |
| 077.128 Nutritionist (profess. & kin.) | | | | | | | | | | |
| WTG p. 337 VOCATIONAL EDUCATION | | | | | | | | | | |
| 096.128 County Agricultural Agent (gov. ser.) | | | | | | | | | | |
| 096.128 Home Economist (profess. & kin.) | | | | | | | | | | |
| WTG p. 341 HIGH SCHOOL, COLLEGE, UNIVERSITY, AND RELATED EDUCATION | | | | | | | | | | |
| *091.228 Teacher, Secondary School (education) | 87 | 110 | 105 | 95 | | | 95 | | | |
| WTG p. 343 KINDERGARTEN, ELEMENTARY SCHOOL, AND RELATED EDUCATION | | | | | | | | | | |
| *092.228 Teacher, Elementary School (education) | 87 | 110 | 105 | 95 | | | 95 | | | |
| 094.228 Teacher, Handicapped Children (education) | | | | | | | | | | |
| WTG p. 349 TRAINING SERVICES | | | | | | | | | | |
| 166.288 Supervisor, Training (education) | | | | | | | | | | |

## OAP-2—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 110 | 106 | 102 |
| V (Verbal Aptitude) | 105 | 101 | 97 |
| N (Numerical Aptitude) | 105 | 100 | 98 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 110 | 105 | 105 | | | | | | |
| **WTG p. 381 ENGINEERING AND RELATED WORK** | | | | | | | | | | |
| *007.187# Part Programer, Numerical Control (mach. shop) II | 431 | 105 | 105 | 100 | | | | | | |
| **WTG p. 418 MATERIALS ANALYSIS AND RELATED WORK** | | | | | | | | | | |
| *029.281 Laboratory Tester (any ind.) | 7 | 110 | 110 | 105 | 100 | | | | | |
| **WTG p. 473 MEDICAL, VETERINARY, AND RELATED SERVICES** | | | | | | | | | | |
| *071.108 Osteopathic Physician (medical ser.) | 399 | 105 | 110 | 110 | | | | | | |
| **WTG p. 484 PURCHASE AND SALES WORK** | | | | | | | | | | |
| 162.158 Buyer (ret. tr.; whole. tr.) II | | | | | | | | | | |
| 289.158 Manufacturers' Representative (whole. tr.) | | | | | | | | | | |

# OAP-3

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 110 | 106 | 102 |
| V (Verbal Aptitude) | 105 | 101 | 97 |
| S (Spatial Aptitude) | 100 | 99 | 96 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 110 | 105 | | 100 | | | | | |
| WTG p. 294 SOCIAL SCIENCE, PSYCHOLOGICAL AND RELATED RESEARCH | | | | | | | | | | |
| *166.088 Job Analyst (profess. & kin.) | 205 | 110 | 115 | | 95 | | | | | |
| WTG p. 355 INDUSTRIAL TRAINING | | | | | | | | | | |
| 099.228 Instructor, Navigation (education) | | | | | | | | | | |
| 169.228 Systems Engineer (any ind.) | | | | | | | | | | |
| 909.128 Safety Engineer (motor trans.) | | | | | | | | | | |
| WTG p. 387 TECHNICAL WRITING AND RELATED WORK | | | | | | | | | | |
| 019.288 Specification Writer, Engineering (profess. & kin.) | | | | | | | | | | |
| 139.288 Writer, Technical Publications (profess. & kin.) | | | | | | | | | | |
| WTG p. 430 SET UP AND/OR ALL-ROUND MACHINE OPERATING | | | | | | | | | | |
| 558.280 Chief Operator (chem.) | | | | | | | | | | |
| 559.380 Chemical-Process Operator (chem.) | | | | | | | | | | |
| 952.380 Power-Reactor Operator (light, heat, & power) | | | | | | | | | | |
| 953.380 Gas-Plant Operator (light, heat, & power) | | | | | | | | | | |
| WTG p. 435 OPERATING-CONTROLLING | | | | | | | | | | |
| *559.782 Pilot-Control Operator (chem.; plastics mat.) | 19 | 110 | 105 | 110 | 100 | | | | | |

## OAP-3—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 110 | 106 | 102 |
| V (Verbal Aptitude) | 105 | 101 | 97 |
| S (Spatial Aptitude) | 100 | 99 | 96 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 110 | 105 | | 100 | | | | | |
| WTG p. 466 SCIENTIFIC RESEARCH | | | | | | | | | | |
| 040.081 Horticulturist (profess. & kin.) | | | | | | | | | | |
| 040.081 Soil Conservationist (profess. & kin.) | | | | | | | | | | |
| WTG p. 488 DEMONSTRATION AND SALES WORK | | | | | | | | | | |
| *276.358 Salesman, Construction Machinery (whole. tr.) | 210 | 100 | 95 | | 105 | | | | | |

# OAP-4

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 110 | 106 | 102 |
| N (Numerical Aptitude) | 110 | 104 | 103 |
| Q (Clerical Perception) | 105 | 101 | 96 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 110 | | 110 | | | 105 | | | |
| **WTG p. 237 ADMINISTRATION** | | | | | | | | | | |
| *163.118 Manager, City Circulation (print. & pub.) | 23 | 100 | | 110 | | | 100 | | | |
| **WTG p. 243 SUPERVISORY WORK (CLERICAL, SALES, AND RELATED ACTIVITIES)** | | | | | | | | | | |
| 211.138 Supervisor, Cashiers (light, heat, & power) | | | | | | | | | | |
| 213.138 Supervisor, Machine-Records Unit (clerical) | | | | | | | | | | |
| **WTG p. 245 MANAGERIAL WORK** | | | | | | | | | | |
| *100.168 Librarian (library) | 299 | 110 | | 100 | | | 110 | 100 | | |
| **WTG p. 248 CONSULTATIVE AND BUSINESS SERVICES** | | | | | | | | | | |
| 096.268 Budget Consultant (profess. & kin.) | | | | | | | | | | |
| 161.268 Clerical Technician (profess. & kin.) | | | | | | | | | | |
| 169.168 Special Agent, Group Insurance (insurance) | | | | | | | | | | |
| 184.268 Freight-Traffic Consultant (bus. ser.) | | | | | | | | | | |
| **WTG p. 252 ACCOUNTING, AUDITING, AND RELATED WORK** | | | | | | | | | | |
| *160.188 Accountant (profess. & kin.) | 114 | 105 | | 115 | | | | | | |
| *160.188 Auditor (profess. & kin.) | 114 | 105 | | 115 | | | | | | |
| 160.188 Bursar (education) | | | | | | | | | | |
| 162.188 Purchase Price Analyst (profess. & kin.) | | | | | | | | | | |
| *169.188 Underwriter (insurance) | 14 | 120 | | 115 | | | 105 | | | |
| 186.288 Loan Officer (banking) | | | | | | | | | | |
| 191.288 Appraiser (any ind.) | | | | | | | | | | |

## OAP-4

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 110 | 106 | 102 |
| N (Numerical Aptitude) | 110 | 104 | 103 |
| Q (Clerical Perception) | 105 | 101 | 96 |

WTG p. 418 MATERIAL ANALYSIS AND RELATED WORK
*074.181 Pharmacist (profess. & kin.)

| S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | G | V | N | S | P | Q | K | F | M |
| | 110 | | 110 | | | 105 | | | |
| 37R | 110 | | 120 | | | 115 | | | |

# OAP–5

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 105 | 101 | 98 |
| N (Numerical Aptitude) | 105 | 100 | 98 |
| S (Spatial Aptitude) | 105 | 104 | 101 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 105 | | 105 | 105 | | | | | |
| WTG p. 312 CRAFTSMANSHIP AND RELATED WORK | | | | | | | | | | |
| *625.281 Diesel Mechanic (any ind.) | 423R | | | 95 | 105 | | | 90 | | 100 |
| WTG p. 373 SALES ENGINEERING | | | | | | | | | | |
| 003.151 Industrial-Power Engineer (light, heat & power) | | | | | | | | | | |
| 007.151 Heating Engineer (light, heat & power) | | | | | | | | | | |
| WTG p. 381 ENGINEERING AND RELATED WORK | | | | | | | | | | |
| 002.187 Cost-Analysis Engineer (aircraft mfg.) | | | | | | | | | | |
| 003.187 Electrical Engineer, Power (light, heat & power) | | | | | | | | | | |
| No WTG | | | | | | | | | | |
| †011.— Metallurgical Technology Institute Training | 324 | 115 | | 110 | 100 | | | | | |
| *003.— Electrical Technology Institute Training | 322 | 115 | 100 | 95 | 110 | | | | | |
| **008.— Industrial Chemistry Technology Institute Training | 325 | 115 | 105 | | | 105 | | | | |
| **008.— / **011.— Chemical-Metallurgical Technology | 378 | | 95 | 105 | 95 | | | | | |
| **007.— Mechanical Technology Institute Training | 321 | 115 | | | 115 | 100 | | | | |
| †012.— Industrial Technical Institute Training | 323 | 105 | 95 | 115 | | | | | | |
| *828.— Computer Technology Training | 415 | 110 | | 95 | 100 | | | | | |

# OAP-6

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 105 | 101 | 98 |
| S (Spatial Aptitude) | 110 | 109 | 106 |
| K (Motor Coordination) | 95 | 89 | 83 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 105 | | | 110 | | | 95 | | |
| WTG p. 232 ART WORK | | | | | | | | | | |
| *141.081 Illustrator (profess. & kin.) | 435 | 95 | | | 110 | 120 | | 95 | | |
| 148.081 Memorial Designer (stonework) | | | | | | | | | | |
| 970.081 Sign Writer, Hand (any ind.) | | | | | | | | | | |
| WTG p. 308 COSTUMING, TAILORMAKING AND DRESSMAKING | | | | | | | | | | |
| 785.261 Master Tailor (garment; ret. tr.) | | | | | | | | | | |
| 785.361 Dressmaker (any ind.) | | | | | | | | | | |
| 969.261 Costumer (motion pic.; radio & tv broad.) | | | | | | | | | | |
| WTG p. 466 SCIENTIFIC RESEARCH | | | | | | | | | | |
| †040.081 Forester (profess. & kin.) | 243 | | 110 | | 105 | | | 90 | | |
| WTG p. 473 MEDICAL, VETERINARY AND RELATED SERVICES | | | | | | | | | | |
| *073.108 Veterinarian (medical ser.) | 58 | 110 | | | 105 | | | 100 | | |

# OAP-7

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 105 | 101 | 98 |
| S (Spatial Aptitude) | 95 | 94 | 91 |
| P (Form Perception) | 100 | 97 | 92 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 105 | | | 95 | 100 | | | | |
| **WTG p. 228 DECORATING AND ART WORK** | | | | | | | | | | |
| 141.051 Color Expert (profess. & kin.) | | | | | | | | | | |
| 142.051 Interior Designer and Decorator (profess. & kin.) | | | | | | | | | | |
| **WTG p. 230 PHOTOGRAPHY AND MOTION PICTURE CAMERA WORK** | | | | | | | | | | |
| 143.062 Cameraman (radio & tv broad.) | | | | | | | | | | |
| 143.062 Photographer, Commercial (profess. & kin.) | | | | | | | | | | |
| **WTG p. 232 ART WORK** | | | | | | | | | | |
| *142.081 Clothes Designer (profess. & kin.) | 88 | 100 | | | 100 | 100 | | 95 | | |
| 142.081 Commercial Designer (profess. & kin.) | | | | | | | | | | |
| 142.081 Industrial Designer (profess. & kin.) | | | | | | | | | | |
| 144.081 Painter (profess. & kin.) | | | | | | | | | | |
| 298.081 Display Man (ret. tr.) | | | | | | | | | | |
| **WTG p. 234 ARTISTIC RESTORATION, DECORATION AND RELATED WORK** | | | | | | | | | | |
| 052.381 Archeological Assistant (profess. & kin.) | | | | | | | | | | |
| 102.381 Museum Technician (museum) | | | | | | | | | | |
| 141.281 Artist (wall paper) | | | | | | | | | | |
| 142.281 Copyist (garment) | | | | | | | | | | |
| 148.281 Concrete Sculptor (conc. prod.) | | | | | | | | | | |
| **WTG p. 339 FLIGHT AND RELATED TRAINING** | | | | | | | | | | |
| 097.228 Ground Instructor, Basic (education) | | | | | | | | | | |
| 196.228 Instructor, Flying (education) | | | | | | | | | | |

## OAP-7—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 105 | 101 | 98 |
| S (Spatial Aptitude) | 95 | 94 | 91 |
| P (Form Perception) | 100 | 97 | 92 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 105 | | | 95 | 100 | | | | |
| **WTG p. 420 APPRAISING AND INVESTIGATING WORK** | | | | | | | | | | |
| 149.287 Appraiser, Art (profess. & kin.) | | | | | | | | | | |
| 822.287 Line Inspector (tel. & tel.) | | | | | | | | | | |
| 910.287 Way Inspector (r. r. trans.) | | | | | | | | | | |
| 930.287 Oil-Pipe Inspector (petrol. production) | | | | | | | | | | |
| 956.287 Inspector, Chief (light, heat, & power) | | | | | | | | | | |
| **WTG p. 422 TRANSPORTING AND TEST DRIVING** | | | | | | | | | | |
| 196.283 Airplane Pilot, Commercial (air trans.) | | | | | | | | | | |
| **WTG p. 473 MEDICAL, VETERINARY, AND RELATED SERVICES** | | | | | | | | | | |
| **072.108 Dentist (medical ser.) | 49 | 115 | | | 110 | 100 | | | 85 | |
| **WTG p. 477 NURSING, X-RAY, AND RELATED SERVICES** | | | | | | | | | | |
| *078.368 Dental Hygienist (medical ser.) | 54 | 110 | | | 95 | 110 | | | | |
| **WTG p. 514 MOTION PICTURE PROJECTING, PHOTOGRAPHIC MACHINE WORK AND RELATED ACTIVITIES** | | | | | | | | | | |
| 143.382 Photographer, Identification Bureau (gov. ser.) | | | | | | | | | | |
| 971.382 Photographer, Photoengraving (print. & pub.) | | | | | | | | | | |
| **972.382 Photographer, Lithographic (print. & pub.) | 223R | | | 90 | 85 | 95 | | 85 | | |

# OAP–8

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 105 | 101 | 98 |
| Q (Clerical Perception) | 100 | 96 | 92 |
| K (Motor Coordination) | 90 | 84 | 78 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 105 | | | | | 100 | 90 | | |
| **WTG p. 287 TYPING AND RELATED RECORDING** | | | | | | | | | | |
| 208.588 Transcribing-Machine Operator (clerical) | | | | | | | | | | |
| *208.588 Typesetter-Perforator Operator (print. & pub.) | 297 | 105 | | | | | 100 | 90 | | |
| **WTG p. 312 CRAFTSMANSHIP AND RELATED WORK** | | | | | | | | | | |
| *806.381 Inspector, Assemblies and Installations (aircraft mfg.) | 404 | 100 | | | | | 95 | 80 | | |
| **WTG p. 477 NURSING, X-RAY, AND RELATED SERVICES** | | | | | | | | | | |
| *075.378 Nurse, General Duty (medical ser.) | 271R | 100 | | 95 | | | 100 | 95 | | |
| 075.378 Nurse, Office (medical ser.) | | | | | | | | | | |
| **WTG p. 516 RADIO AND TELEVISION TRANSMITTING AND RECEIVING** | | | | | | | | | | |
| 193.282 Airline-Radio Operator (air trans.) | | | | | | | | | | |
| 194.282 Sound Man (amuse. & rec.) | | | | | | | | | | |
| 957.282 Audio Operator (radio & tv broad.) | | | | | | | | | | |

## OAP-9

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 100 | 96 | 93 |
| V (Verbal Aptitude) | 105 | 101 | 97 |
| Q (Clerical Perception) | 95 | 91 | 87 |

| S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | G | V | N | S | P | Q | K | F | M |
| | 100 | 105 | | | | 95 | | | |

WTG p. 243 SUPERVISORY WORK (CLERICAL, SALES, AND RELATED ACTIVITIES)

203.138 Typing Section Chief (clerical)
209.138 Stenographic-Pool Supervisor (clerical)
223.138 Receiving-and-Shipping Foreman (any ind.)
223.138 Stock Supervisor (ret. tr.)
239.138 Foreman, Mail Room (print. & pub.)
299.138 Manager, Department (ret. tr.)

WTG p. 245 MANAGERIAL WORK

162.168 Supervisor, Procurement Services (any ind.)
180.168 Superintendent (agric.; can. & preserv.)
184.168 Manager, Warehouse (any ind.)
184.168 Service Supervisor (light, heat, & power)
184.168 Superintendent, Transportation (any ind.)
185.168 Wholesaler (whole. tr.)
186.168 Supervisor, Credit Union (finan. inst.)
187.168 Superintendent, Building (any ind.) II
198.168 Conductor, Passenger Car (r.r. trans.)

WTG p. 250 INTERVIEWING, INFORMATION-GIVING AND RELATED WORK (VOCATIONAL, EDUCATIONAL AND RELATED ACTIVITIES)

166.268 Placement Officer (education)

WTG p. 254 TITLE AND CONTRACT SEARCH AND ANALYSIS AND RELATED WORK

119.288 Contract Clerk (profess. & kin.)
168.288 Claim Examiner (insurance) I

## OAP-9—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 100 | 96 | 93 |
| V (Verbal Aptitude) | 105 | 101 | 97 |
| Q (Clerical Perception) | 95 | 91 | 87 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 100 | 105 | | | | 95 | | | |
| **WTG p. 256 CORRESPONDING AND RELATED WORK** | | | | | | | | | | |
| 204.288 Correspondence Clerk (clerical) | | | | | | | | | | |
| **WTG p. 261 SCHEDULING, DISPATCHING, EXPEDITING AND RELATED WORK** | | | | | | | | | | |
| 193.168 Control Supervisor, Senior (radio & tv broad.) | | | | | | | | | | |
| 205.168 Travel Clerk (gov. ser.) | | | | | | | | | | |
| **WTG p. 263 SECRETARIAL AND RELATED WORK** | | | | | | | | | | |
| 201.368 Secretary (clerical) | | | | | | | | | | |
| **WTG p. 416 INVESTIGATING, PROTECTING, AND RELATED WORK** | | | | | | | | | | |
| *241.168 Claim Adjuster (insurance) | 186 | 95 | 100 | 95 | | | 105 | | | |
| **WTG p. 477 NURSING X-RAY AND RELATED SERVICES** | | | | | | | | | | |
| *079.368# Psychiatric Technician (medical ser.) | 327 | 90 | 100 | | | | 85 | 85 | | |
| **WTG p. 479 CHILD AND ADULT CARE** | | | | | | | | | | |
| *359.878 Teacher, Nursery School (any ind.) | 47 | 100 | 105 | | | | | | | |

# OAP-10

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 100 | 96 | 93 |
| V (Verbal Aptitude) | 100 | 97 | 96 |
| S (Spatial Aptitude) | 90 | 89 | 87 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 100 | 100 | | 90 | | | | | |
| **WTG p. 237 ADMINISTRATION** | | | | | | | | | | |
| 099.168 Audiovisual Specialist (education) | | | | | | | | | | |
| 188.118 Commissioner, Public Works (gov. ser.) | | | | | | | | | | |
| *189.118 Manager, Industrial Organization (any ind.) | 158 | 95 | 100 | | 100 | | | | | |
| 199.168 Urban Planner (profess. & kin.) | | | | | | | | | | |
| **WTG p. 258 INFORMATION GATHERING, DISPENSING, VERIFYING AND RELATED WORK** | | | | | | | | | | |
| 353.368 Guide (per. ser.) | | | | | | | | | | |
| 353.368 Guide, Factory (any ind.) | | | | | | | | | | |
| 353.368 Guide, Sightseeing (per. ser.) | | | | | | | | | | |
| **WTG p. 261 SCHEDULING, DISPATCHING, EXPEDITING AND RELATED WORK** | | | | | | | | | | |
| 184.168 Float Master (water trans.) | | | | | | | | | | |
| 184.168 Traffic Inspector (motor trans.; r.r. trans.) | | | | | | | | | | |
| 184.168 Train Dispatcher (r.r. trans.) | | | | | | | | | | |
| 353.168 Guide Travel (per. ser.) | | | | | | | | | | |
| **WTG p. 299 SUPERVISORY WORK (FARMING, LOGGING, MANUFACTURING, PROCESSING, CONSTRUCTION, TRANSPORTATION, AND RELATED ACTIVITIES)** | | | | | | | | | | |
| 465.137 Spray Foreman (agric.) | | | | | | | | | | |
| 509.130 Foreman, Powdered Metal (iron & steel; nonferr. metal alloys) | | | | | | | | | | |
| 519.132 Foreman, Blast Furnace (iron & steel) | | | | | | | | | | |
| 529.132 Foreman, Feed Mill (grain & feed mill) | | | | | | | | | | |
| 559.132 Foreman, Toilet and Laundry Soap (soap) | | | | | | | | | | |
| 619.130 Foreman, Line (any ind.) | | | | | | | | | | |
| 819.131 Foreman (welding) | | | | | | | | | | |
| 929.133 Yard Foreman (paper & pulp; woodworking) | | | | | | | | | | |

## OAP-10—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 100 | 96 | 93 |
| V (Verbal Aptitude) | 100 | 97 | 93 |
| S (Spatial Aptitude) | 90 | 89 | 87 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 100 | 100 | | 90 | | | | | |
| **WTG p. 305 SUPERVISORY WORK (FARMING, LOGGING, MANUFACTURING, PROCESSING, CONSTRUCTION, TRANSPORTATION AND RELATED ACTIVITIES)** | | | | | | | | | | |
| 699.138 Production Foreman (any ind.) I | | | | | | | | | | |
| 891.138 Dockmaster (ship & boat bldg. & rep.) | | | | | | | | | | |
| **WTG p. 435 OPERATING-CONTROLLING** | | | | | | | | | | |
| *954.782 Sewage-Plant Operator (any ind.) | 342 | 110 | 95 | | 100 | | | | | |
| *954.782 Water-Treatment-Plant Operator (waterworks) | 342 | 110 | 95 | | 100 | | | | | |
| 955.782 Sewage-Plant Operator (sanitary ser.) | | | | | | | | | | |
| **WTG p. 477 NURSING, X-RAY AND RELATED SERVICES** | | | | | | | | | | |
| *078.368 Radiologic Technologist (medical ser.) | 80 | 95 | 95 | | 80 | | | | | |
| *079.378 Physical Therapist (medical ser.) | 347 | 105 | 105 | | 90 | | | | | |

# OAP-11

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 100 | 96 | 93 |
| V (Verbal Aptitude) | 90 | 88 | 84 |
| Q (Clerical Perception) | 90 | 86 | 83 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 100 | 90 | | | | 90 | | | |
| **WTG p. 241 BUSINESS TRAINING** | | | | | | | | | | |
| 166.228 Airplane Stewardess, Chief (air trans.) | | | | | | | | | | |
| 239.228 Contract Clerk Training Supervisor (tel. & tel.) | | | | | | | | | | |
| **WTG p. 261 SCHEDULING, DISPATCHING, EXPEDITING AND RELATED WORK** | | | | | | | | | | |
| 221.168 Production Coordinator (clerical) | | | | | | | | | | |
| 249.168 Labor Expediter (const.) | | | | | | | | | | |
| 952.168 Dispatcher, Service or Work (light, heat, & power) | | | | | | | | | | |
| 953.168 Gas Dispatcher (light, heat, & power; petrol. production; petrol. refin.; pipe lines) | | | | | | | | | | |
| 957.168 Dispatcher (tel. & tel.) I | | | | | | | | | | |
| **WTG p. 435 OPERATING-CONTROLLING** | | | | | | | | | | |
| *952.782 Substation Operator (light, heat, & power) | 312R | | | 80 | | | 90 | | | 70 |
| *952.782 Switchboard Operator (light, heat, & power) | 312R | | | 80 | | | 90 | | | 70 |
| *952.782 Turbine Operator (light, heat, & power) | 312R | | | 80 | | | 90 | | | 70 |
| **WTG p. 488 DEMONSTRATION AND SALES WORK** | | | | | | | | | | |
| *250.358 Salesman, Real Estate (real estate) | 249 | 110 | 100 | 95 | | | 90 | | | |
| **WTG p. 507 MISCELLANEOUS PERSONAL SERVICE WORK (FOOD SERVING, PORTERING, VALETING AND RELATED ACTIVITIES)** | | | | | | | | | | |
| *352.878 Airplane Stewardess (air trans.) | 433 | 100 | 90 | 85 | | | 100 | | | |

# OAP-12

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 100 | 96 | 93 |
| V (Verbal Aptitude) | 90 | 88 | 84 |
| M (Manual Dexterity) | 95 | 89 | 86 |

| | | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | G | V | N | S | P | Q | K | F | M |
| | | | 100 | 90 | | | | | | | 95 |
| WTG p. 299 | SUPERVISORY WORK (FARMING, LOGGING, MANUFACTURING, PROCESSING, CONSTRUCTION, TRANSPORTATION AND RELATED ACTIVITIES) | | | | | | | | | | |
| 525.131 | Foreman, Abattoir (slaught. & meat pack.) | | | | | | | | | | |
| 529.130 | Foreman (nut process.) | | | | | | | | | | |
| 590.130 | Foreman, Roofing Plant (roof. materials) | | | | | | | | | | |
| 724.134 | Foreman, Laminating (electronics) | | | | | | | | | | |
| 726.130 | Foreman, Electronic Assemblies (electronics) | | | | | | | | | | |
| *726.134# | Electronics Foreman (electronics) | 353 | 105 | 90 | | | | | | | 100 |
| 806.131 | Assembly Foreman (motor. & bicycles) | | | | | | | | | | |
| WTG p. 345 | MISCELLANEOUS INSTRUCTIVE WORK | | | | | | | | | | |
| 195.288 | Recreation Leader (profess. & kin.) | | | | | | | | | | |

# OAP-13

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 100 | 96 | 93 |
| P (Form Perception) | 100 | 97 | 92 |
| Q (Clerical Perception) | 100 | 96 | 92 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 100 | | | | 100 | 100 | | | |
| **WTG p. 245 MANAGERIAL WORK** | | | | | | | | | | |
| *185.168 Manager, Retail Food (ret. tr.) | 225 | 105 | | | | 95 | 100 | | | |
| †185.168 Manager, Store (ret. tr.) I | 385R | | 95 | | 90 | 85 | 100 | | | |
| **WTG p. 263 SECRETARIAL AND RELATED WORK** | | | | | | | | | | |
| 969.368 Script Clerk (mot. pic.) | | | | | | | | | | |
| **WTG p. 278 STENOGRAPHIC AND RELATED WORK** | | | | | | | | | | |
| *202.388 Stenographer (clerical) | 10 | 95 | | | | 100 | 100 | 100 | | |
| 202.388 Court Reporter, Clerical (clerical) | | | | | | | | | | |
| 202.388 Steno-Type Operator (clerical) | | | | | | | | | | |
| **WTG p. 287 TYPING AND RELATED RECORDING** | | | | | | | | | | |
| *203.588 Typist (clerical) | 10 | 95 | | | | 100 | 100 | 100 | | |
| *209.388 Clerk-Typist (clerical) | 10 | 95 | | | | 100 | 100 | 100 | | |
| **WTG p. 416 INVESTIGATING, PROTECTING AND RELATED WORK** | | | | | | | | | | |
| 373.168 Fire Inspector (gov. ser.) | | | | | | | | | | |
| 375.168 Police Lieutenant, Precinct (gov. ser.) I | | | | | | | | | | |
| *375.268 Patrolman (gov. ser.) | 236 | 95 | | | | 100 | 90 | | | |

## OAP-13—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 100 | 96 | 93 |
| P (Form Perception) | 100 | 97 | 92 |
| Q (Clerical Perception) | 100 | 96 | 92 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 100 | | | | 100 | 100 | | | |
| **WTG p. 418 MATERIALS ANALYSIS AND RELATED WORK** | | | | | | | | | | |
| 078.281 Biochemistry Technologist (medical ser.) | | | | | | | | | | |
| *078.281 Medical Technologist (medical ser.) | 156 | 110 | 110 | | | 105 | 110 | | | |
| **WTG p. 420 APPRAISING AND INVESTIGATING WORK** | | | | | | | | | | |
| 168.284 Safety Inspector (any ind.) | | | | | | | | | | |
| 168.287 Sanitary Inspector (gov. ser.) | | | | | | | | | | |
| **WTG p. 447 TENDING** | | | | | | | | | | |
| **556.885# Blown Plastic Container Machine Operator (fabric. plastics prod.) | 396 | 85 | | | | 85 | 95 | | | |

# OAP-14

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 95 | 91 | 88 |
| N (Numerical Aptitude) | 90 | 85 | 83 |
| Q (Clerical Perception) | 95 | 91 | 87 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 95 | | 90 | | | 95 | | | |
| **WTG p. 245 MANAGERIAL WORK** | | | | | | | | | | |
| *185.168# Proprietor-Manager, Retail Automotive Service (ret. tr.) | 298 | 95 | | 85 | | | 85 | | | |
| **WTG p. 256 CORRESPONDING AND RELATED WORK** | | | | | | | | | | |
| 240.388 Collection Clerk (clerical) | | | | | | | | | | |
| 249.388 Loan Closer (finan. inst.; real estate) | | | | | | | | | | |
| **WTG p. 258 INFORMATION GATHERING, DISPENSING, VERIFYING, AND RELATED WORK** | | | | | | | | | | |
| *205.368 Employment Clerk (clerical) | 105 | 85 | 100 | 90 | | | 95 | | | |
| 205.368 Personnel Clerk (clerical) | | | | | | | | | | |
| 219.368 Brokerage Clerk (finan. inst.) II | | | | | | | | | | |
| 249.368 Credit Clerk (clerical) I | | | | | | | | | | |
| 249.368 Safe-Deposit Clerk (banking) | | | | | | | | | | |
| **WTG p. 265 FACILITIES, SERVICES, AND MOVEMENT ALLOCATING AND EXPEDITING WORK** | | | | | | | | | | |
| †242.368 Hotel Clerk (hotel & rest.) | 332 | 95 | | 100 | | | 100 | | | |
| †242.368 Room Clerk (hotel & rest.) | 332 | 95 | | 100 | | | 100 | | | |
| **WTG p. 269 CASHIERING (DRUG STORES, THEATERS, RESTAURANT, AND RELATED ESTABLISHMENTS)** | | | | | | | | | | |
| 211.468 Cashier (clerical) II | | | | | | | | | | |
| 299.468 Cashier-Checker (ret. tr.) | | | | | | | | | | |
| *299.468 Grocery Checker (ret. tr.) | 145 | 100 | | 95 | | | 100 | | | |

## OAP-14—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 95 | 91 | 88 |
| N (Numerical Aptitude) | 90 | 85 | 83 |
| Q (Clerical Perception) | 95 | 91 | 87 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 95 | | 90 | | | 95 | | | |
| **WTG p. 276 CLASSIFYING, FILING, AND RELATED WORK** | | | | | | | | | | |
| 223.388 Inventory Clerk (clerical) | | | | | | | | | | |
| **WTG p. 280 COMPUTING AND RELATED RECORDING** | | | | | | | | | | |
| 219.388 Actuarial Clerk (insurance) | | | | | | | | | | |
| 219.388 Timekeeper (clerical) | | | | | | | | | | |
| 221.388 Production Clerk (clerical) II | | | | | | | | | | |
| **WTG p. 420 APPRAISING AND INVESTIGATING WORK** | | | | | | | | | | |
| *199.187 Radiation Monitor (profess. & kin.) | 442 | 105 | | 95 | | | 100 | | | |
| **WTG p. 435 OPERATING-CONTROLLING** | | | | | | | | | | |
| *213.782 Tabulating-Machine Operator (clerical) | 42 | 95 | | 95 | 85 | | 100 | | | |
| *653.782 Folding-Machine Operator (print. & pub.) | 172 | 85 | | 90 | | | 85 | | | |
| **WTG p. 488 DEMONSTRATION AND SALES WORK** | | | | | | | | | | |
| 263.358 Salesperson, Men's Furnishings (ret. tr.) | | | | | | | | | | |
| 263.358 Salesperson, Shoe (ret. tr.) | | | | | | | | | | |
| 263.458 Salesperson, Women's Garments (ret. tr.; whol. tr.) | | | | | | | | | | |
| 286.358 Salesperson, Sporting Goods (ret. tr.; whol. tr.) | | | | | | | | | | |
| *289.358 Counterman, Automotive Parts (ret. tr.; whole. tr.) | 167 | 90 | | 90 | | | 95 | | | |
| *289.458 Salesperson, General (ret. tr.; whole. tr.) | 276 | 85 | | 85 | | | 85 | | | |
| *292.358 Bakery-Wagon Driver (bake. prod.) | 197 | 95 | | 100 | | | 85 | | | |
| **292.358 Routeman, Retail, Dairy (dairy prod.) | 195 | 85 | | 105 | | | 80 | | | |
| †292.358 Routeman, Wholesale, Dairy (dairy prod.) | 196 | 95 | | 110 | | | 85 | | | |

# OAP-15

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 95 | 91 | 88 |
| S (Spatial Aptitude) | 95 | 94 | 91 |
| M (Manual Dexterity) | 85 | 79 | 76 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 95 | | | 95 | | | | | 85 |
| WTG p. 312 CRAFTSMANSHIP AND RELATED WORK | | | | | | | | | | |
| *601.381 Template Maker, Aircraft (aircraft mfg.) | PN | 95 | | | 95 | | | | | 85 |
| *637.281 Refrigeration Mechanic (any ind.) | PN | 90 | | 80 | 85 | | | | | 80 |
| 706.381 Subassembler (mach. mfg.) | | | | | | | | | | |
| 714.381 Assembler, Photographic Equipment (photo. apparatus) | | | | | | | | | | |
| 732.381 Golf-Club Repairman (any ind.) | | | | | | | | | | |
| †822.281 Central-Office Repairman (tel. & tel.) | 74R | | | | 105 | | 85 | | | 85 |
| 822.281 Communication Man (any ind.) | | | | | | | | | | |
| WTG p. 322 MANIPULATING | | | | | | | | | | |
| *373.884 Fire Fighter (any ind.) | 120 | 90 | | | 90 | 95 | | | | 90 |
| WTG p. 413 TECHNICAL WORK, SCIENCE AND RELATED FIELDS | | | | | | | | | | |
| *467.384 Artificial Breeding Technician (agric.) | 70 | 90 | | | | | | | | 80 |
| WTG p. 430 SET UP AND/OR ALL-ROUND MACHINE OPERATING | | | | | | | | | | |
| 921.280 Rigger (any ind.) II | | | | | | | | | | |
| WTG p. 477 NURSING, X-RAY AND RELATED SERVICES | | | | | | | | | | |
| **079.378 Surgical Technician (medical ser.) | 231 | 85 | | | 80 | | | | | 90 |

## OAP-15—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 95 | 91 | 88 |
| S (Spatial Aptitude) | 95 | 94 | 91 |
| M (Manual Dexterity) | 85 | 79 | 76 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 95 | | | 95 | | | | | 85 |
| WTG p. 486 SALES AND SERVICE WORK | | | | | | | | | | |
| *626.251# Service Engineer (mach. tool & access.) | 183 | 95 | | | 85 | | | | | 85 |
| †637.251# Refrigeration and Heating Mechanic (any ind.) | 413R | | | 100 | | | 95 | | | 85 |
| 828.251 Electronic-Sales-and-Service Technician (profess. & kin.) | | | | | | | | | | |

## OAP-16

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 90 | 86 | 83 |
| V (Verbal Aptitude) | 95 | 92 | 89 |
| N (Numerical Aptitude) | 90 | 85 | 83 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 90 | 95 | 90 | | | | | | |
| **WTG p. 261 SCHEDULING, DISPATCHING, EXPEDITING AND RELATED WORK** | | | | | | | | | | |
| 911.168 Supercargo (water trans.) | | | | | | | | | | |
| 913.168 Schedule Maker (motor trans.; r.r. trans.) | | | | | | | | | | |
| **WTG p. 265 FACILITIES, SERVICES, AND MOVEMENT ALLOCATING AND EXPEDITING WORK** | | | | | | | | | | |
| *919.368 Ticket Agent (any ind.) | 200 | 95 | 105 | 90 | | | | | | |
| **WTG p. 280 COMPUTING AND RELATED RECORDING** | | | | | | | | | | |
| *210.388 Bookkeeper (clerical) I | 184 | 105 | 90 | 95 | | | | | | |
| **WTG p. 299 SUPERVISORY WORK (FARMING, LOGGING, MANUFACTURING, PROCESSING, CONSTRUCTION, TRANSPORTATION, AND RELATED ACTIVITIES)** | | | | | | | | | | |
| 529.137 Foreman, Curing Room (tobacco) | | | | | | | | | | |
| 530.132 Foreman, Beater Room (paper & pulp) | | | | | | | | | | |
| 559.132 Foreman, Paint (paint & varn.) | | | | | | | | | | |
| 614.131 Foreman, Drawing (iron & steel; non-ferr. metal alloys; wire) | | | | | | | | | | |
| 615.130 Foreman (cut. tools) | | | | | | | | | | |
| 669.137 Foreman (woodworking) | | | | | | | | | | |
| 779.134 Foreman, Mica Processing (minerals & earths) | | | | | | | | | | |

# OAP-17

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 90 | 86 | 83 |
| V (Verbal Aptitude) | 90 | 88 | 84 |
| Q (Clerical Perception) | 100 | 96 | 92 |

| | | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | G | V | N | S | P | Q | K | F | M |
| | | | 90 | 90 | | | | 100 | | | |
| WTG p. 258 | INFORMATION GATHERING, DISPENSING, VERIFYING, AND RELATED WORK | | | | | | | | | | |
| 109.368 | Registration Clerk (library) | | | | | | | | | | |
| 152.368 | Prompter (amuse. & rec.) | | | | | | | | | | |
| 168.368 | Title Clerk (gov. ser.) | | | | | | | | | | |
| 237.368 | Receptionist (clerical) | | | | | | | | | | |
| *237.368 | Hospital-Admitting Clerk (medical ser.) | 393 | 95 | 90 | | | | 90 | | | |
| 242.368 | Travel Clerk (hotel & rest.) | | | | | | | | | | |
| 243.368 | Lost-and-Found Clerk (clerical) | | | | | | | | | | |
| WTG p. 276 | CLASSIFYING, FILING, AND RELATED WORK | | | | | | | | | | |
| 206.388 | File Clerk (clerical) I | | | | | | | | | | |
| *206.388 | File Clerk (clerical) II | 38 | 95 | | | | | 95 | | | |
| WTG p. 280 | COMPUTING AND RELATED RECORDING | | | | | | | | | | |
| *219.388 | Clerk, General Office (clerical) | 329 | 95 | 90 | 90 | | | 110 | | | |
| †219.388 | Ward Clerk (medical ser.) | 239 | 80 | 100 | | | | 90 | | | |
| WTG p. 289 | ROUTINE CHECKING AND RECORDING | | | | | | | | | | |
| 210.588 | Insurance Clerk (clerical) II | | | | | | | | | | |
| 219.588 | Posting Clerk (clerical) | | | | | | | | | | |
| 222.588 | Traffic Clerk (clerical) II | | | | | | | | | | |
| 224.688 | Weight Taker (agric.) | | | | | | | | | | |
| 229.588 | Ticket Marker (whole. tr.) | | | | | | | | | | |
| 239.588 | Router (clerical) | | | | | | | | | | |
| **375.588 | Parking Enforcement Officer (gov. ser.) | 437 | 75 | 80 | | | | 105 | | | |

## OAP-17—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 90 | 86 | 83 |
| V (Verbal Aptitude) | 90 | 88 | 84 |
| Q (Clerical Perception) | 100 | 96 | 92 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 90 | 90 | | | | 100 | | | |
| **WTG p. 312 CRAFTSMANSHIP AND RELATED WORK** | | | | | | | | | | |
| **973.381 Compositor (print. & pub.) | 51R | | | 85 | | | 95 | | | 90 |
| **WTG p. 345 MISCELLANEOUS INSTRUCTIVE WORK** | | | | | | | | | | |
| *159.228 Counselor, Camp (profess. & kin.) | 209 | 100 | 95 | | | | 105 | | | |
| **WTG p. 477 NURSING, X-RAY AND RELATED SERVICE** | | | | | | | | | | |
| **079.368 Medical Assistant (medical ser.) | 237 | 85 | 105 | 80 | | | 95 | | | |

# OAP-18

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 90 | 86 | 83 |
| V (Verbal Aptitude) | 80 | 78 | 76 |
| K (Motor Coordination) | 85 | 79 | 73 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 90 | 80 | | | | | 85 | | |
| **WTG p. 287 TYPING AND RELATED RECORDING** | | | | | | | | | | |
| 236.588 Telegrapher (r.r. trans.) | | | | | | | | | | |
| **WTG p. 477 NURSING, X-RAY AND RELATED SERVICES** | | | | | | | | | | |
| *079.378 Nurse, Licensed Practical (medical ser.) | 270R | 85 | | 80 | | | 85 | | | 80 |
| **WTG p. 479 CHILD AND ADULT CARE** | | | | | | | | | | |
| 307.878 Nursemaid (dom. ser.) | | | | | | | | | | |
| 354.878 First Aid Attendant (any ind.) | | | | | | | | | | |
| 354.878 Home Attendant (per. ser.) | | | | | | | | | | |
| *355.878 Nurse Aid (medical ser.) | 282 | 80 | 80 | | | | | 85 | | |
| 355.878 Orderly (medical ser.) | | | | | | | | | | |
| 359.878 Child-Care Attendant (gov. ser.) | | | | | | | | | | |

## OAP-19

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 85 | 81 | 79 |
| S (Spatial Aptitude) | 85 | 84 | 82 |
| F (Finger Dexterity) | 80 | 75 | 72 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 85 | | | 85 | | | | 80 | |
| **WTG p. 312 CRAFTSMANSHIP AND RELATED WORK** | | | | | | | | | | |
| †862.281 Oil-Burner Installation-and-Serviceman (any ind.) | 273 | 95 | | | 85 | | | | 85 | |
| 862.381 Furnaceman (light, heat, & power) | | | | | | | | | | |
| **WTG p. 319 PRECISION WORKING** | | | | | | | | | | |
| **726.781 Electronics Assembler (electronics) | 310 | 85 | | | 80 | 85 | | | | 95 |
| **WTG p. 430 SET UP AND/OR ALL-ROUND MACHINE OPERATING** | | | | | | | | | | |
| *619.380# Production Mechanic, Tin Cans (tinware) | 370 | 90 | | | 90 | | | | 90 | |
| **WTG p. 447 TENDING** | | | | | | | | | | |
| *685.885 Circular-Knitter (knit goods) | 336 | 75 | | | 75 | | | | 90 | |

## OAP-[illegible]

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 85 | 81 | 79 |
| Q (Clerical Perception) | 100 | 96 | 92 |
| F (Finger Dexterity) | 90 | 85 | 82 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 85 | | | | | 100 | | 90 | |
| **WTG p. 267 PAYING AND RECEIVING (BANKS AND OTHER ESTABLISHMENTS)** | | | | | | | | | | |
| *212.368 Teller (banking) | 259 | 90 | | | | | 105 | | 100 | |
| **WTG p. 274 TYPESETTING, REPRODUCING, AND RELATED MACHINE WORK** | | | | | | | | | | |
| 208.582 Vari-Typist (clerical) | | | | | | | | | | |
| 209.382 Justo-Writer Operator (bus. ser.) | | | | | | | | | | |
| *213.582 Key-Punch Operator (clerical) | 180 | 85 | | 85 | | | 90 | | 95 | |
| **WTG p. 289 ROUTINE CHECKING AND RECORDING** | | | | | | | | | | |
| 249.588 Ticket Counter (amuse. & rec.) | | | | | | | | | | |
| **WTG p. 299 SUPERVISORY WORK (FARMING, LOGGING, MANUFACTURING, PROCESSING, CONSTRUCTION, TRANSPORTATION, AND RELATED ACTIVITIES)** | | | | | | | | | | |
| *197.130 Engineer (water trans.) | 446 | 95 | | | | | 100 | | 85 | |
| **WTG p. 322 MANIPULATING** | | | | | | | | | | |
| *709.884# Cable Assembler (wirework) | 408 | 75 | | | | | 95 | | 85 | |

## OAP-20—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 85 | 81 | 79 |
| Q (Clerical Perception) | 100 | 96 | 92 |
| F (Finger Dexterity) | 90 | 85 | 82 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 85 | | | | | 100 | | 90 | |
| WTG p. 477 NURSING, X-RAY, AND RELATED SERVICES | | | | | | | | | | |
| *079.378 Dental Assistant (medical ser.) | 202 | 90 | | | 90 | | 95 | | 90 | |
| No WTG | | | | | | | | | | |
| *65-----<br>*97-----<br>Printing Curricula | 421 | 90 | | | | | 110 | | 80 | |

# OAP-21

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 8* |
| G (Intelligence) | 85 | 81 | 79 |
| K (Motor Coordination) | 70 | 64 | 59 |
| M (Manual Dexterity) | 75 | 69 | 66 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 85 | | | | | | 70 | | 75 |
| **WTG p. 322 MANIPULATING** | | | | | | | | | | |
| *706.884# Coil Assembler (elec. equip.) | 102 | 85 | | | | | | | | 75 |
| *827.884 Air-Conditioning-Unit Installer (refrigerat. equip.) | 102 | 85 | | | | | | | | 75 |
| 827.884 Electrical-Appliance-Set-Up Man (any ind.) | | | | | | | | | | |
| **WTG p. 430 SET UP AND/OR ALL-ROUND MACHINE OPERATING** | | | | | | | | | | |
| *542.280 Stillman (petrol. refin.) | 68 | 85 | | | | 65 | | 70 | | 65 |
| **WTG p. 511 ANIMAL CARE** | | | | | | | | | | |
| 153.874 Exerciser, Horse (amuse. & rec.) | | | | | | | | | | |
| 356.874 Animal Caretaker (agric.; medical ser.) | | | | | | | | | | |
| 356.874 General Helper, Laboratory (drug prep. & rel. prod.) | | | | | | | | | | |
| 356.874 Stableman (any ind.) | | | | | | | | | | |
| 356.887 Pet Shop Attendant (ret. tr.) | | | | | | | | | | |

# OAP-22

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 80 | 76 | 74 |
| V (Verbal Aptitude) | 80 | 78 | 76 |
| Q (Clerical Perception) | 80 | 77 | 73 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 80 | 80 | | | | 80 | | | |
| **WTG p. 245 MANAGERIAL WORK** | | | | | | | | | | |
| *187.168 Director, School Lunch Program (hotel & rest.) | 204 | 80 | 80 | | | | 80 | | | |
| **WTG p. 258 INFORMATION GATHERING, DISPENSING, VERIFYING, AND RELATED WORK** | | | | | | | | | | |
| 209.368 Evaluator (clerical) | | | | | | | | | | |
| 249.368 Claims Clerk (insurance) | | | | | | | | | | |
| 249.368 Order Clerk (clerical) II | | | | | | | | | | |
| **WTG p. 265 FACILITIES, SERVICES, AND MOVEMENT ALLOCATING AND EXPEDITING WORK** | | | | | | | | | | |
| 221.368 Line-Up Man (auto. mfg.) I | | | | | | | | | | |
| 229.368 Dispatcher, Maintenance (clerical) | | | | | | | | | | |
| 249.368 Reservation Clerk (clerical) I | | | | | | | | | | |
| **WTG p. 276 CLASSIFYING, FILING AND RELATED WORK** | | | | | | | | | | |
| 100.388 Classifier (library) | | | | | | | | | | |
| 186.388 Disbursement Clerk (finan. inst.) | | | | | | | | | | |
| 205.388 Civil Service Clerk (gov. ser.) | | | | | | | | | | |
| 221.388 Manufacturing-Order Clerk (inst. & app.) | | | | | | | | | | |
| 231.388 Parcel-Post Clerk (clerical) | | | | | | | | | | |
| 233.388 Mail Carrier (gov. ser.) | | | | | | | | | | |
| 296.388 Comparison Shopper (garment; ret. tr.; whole. tr.) | | | | | | | | | | |

## OAP-22—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 80 | 76 | 74 |
| V (Verbal Aptitude) | 80 | 78 | 76 |
| Q (Clerical Perception) | 80 | 77 | 73 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 80† | 80 | | | | 80 | | | |
| **WTG p. 404 MISCELLANEOUS AMUSEMENT AND RECREATION WORK** | | | | | | | | | | |
| 153.268 Clocker (amuse. & rec.) | | | | | | | | | | |
| 343.468 Floorman (amuse. & rec.) II | | | | | | | | | | |
| **WTG p. 461 SUPERVISORY WORK (SERVICE AND RELATED ACTIVITIES)** | | | | | | | | | | |
| 308.138 Housekeeper, Home (dom. ser.) I | | | | | | | | | | |
| 309.138 Butler (dom. ser.) | | | | | | | | | | |
| 311.138 Waiter, Head (hotel & rest.) | | | | | | | | | | |
| 313.138 Cook, Head, School Cafeteria (hotel & rest.) | | | | | | | | | | |
| †319.138 Food-Service Supervisor (hotel & rest.) | 440 | 95 | | | | | 100 | | | 110 |
| 324.138 Baggage Porter, Head (hotel & rest.) | | | | | | | | | | |
| 344.138 Usher, Head (amuse. & rec.) | | | | | | | | | | |
| **WTG p. 479 CHILD AND ADULT CARE** | | | | | | | | | | |
| *355.878 Psychiatric Aid (medical ser.) | 287 | 85 | 75 | | | | 80 | | | |

## OAP-23

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 80 | 76 | 74 |
| N (Numerical Aptitude) | 80 | 75 | 74 |
| Q (Clerical Perception) | 80 | 77 | 73 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 80 | | 80 | | | 80 | | | |
| **WTG p. 271 INSPECTING AND STOCK CHECKING** | | | | | | | | | | |
| *221.387# Stock Chaser (aircraft mfg.) | 64 | 75 | | 70 | | | 80 | | | |
| **WTG p. 280 COMPUTING AND RELATED RECORDING** | | | | | | | | | | |
| 219.488 Advertising-Space Measurer (clerical) | | | | | | | | | | |
| 219.488 Rate Clerk (motor trans.) | | | | | | | | | | |
| 224.488 Weight-Count Operator (electronics) | | | | | | | | | | |
| 361.488 Ticket Girl (laund.) | | | | | | | | | | |
| 589.488 Weight-Yardage Checker (textile) | | | | | | | | | | |
| **WTG p. 282 SORTING, INSPECTING, MEASURING, AND RELATED WORK** | | | | | | | | | | |
| *224.487 Weighing-Station Operator (gov. ser.) | 188 | 75 | 75 | 80 | | | 80 | | | |
| **WTG p. 360 HANDLING** | | | | | | | | | | |
| *920.887# Garment Packer (garment) | 361 | 80 | 85 | 85 | | | 80 | | | |
| **WTG p. 404 MISCELLANEOUS AMUSEMENT AND RECREATION WORK** | | | | | | | | | | |
| 187.368 Bookmaker (amuse. & rec.) | | | | | | | | | | |
| 343.468 Gambling Dealer (amuse. & rec.) | | | | | | | | | | |

## OAP-23—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 80 | 76 | 74 |
| N (Numerical Aptitude) | 80 | 75 | 74 |
| Q (Clerical Perception) | 80 | 77 | 73 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 80 | | 80 | | | 80 | | | |
| **WTG p. 435 OPERATING-CONTROLLING** | | | | | | | | | | |
| *954.782# Water Filterer (waterworks) II | 139 | 70 | | 80 | | | 80 | | | |
| **WTG p. 444 DRIVING-OPERATING** | | | | | | | | | | |
| *903.883 Trailer-Tank-Truck Driver (petrol. refin.; ret. tr.; whole. tr.) | 124 | 85 | 80 | 90 | | | 80 | | | |
| *904.883 Tractor-Trailer-Truck Driver (any ind.) | 124 | 85 | 80 | 90 | | | 80 | | | |

## OAP-24

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 80 | 76 | 74 |
| P (Form Perception) | 85 | 81 | 76 |
| Q (Clerical Perception) | 90 | 86 | 83 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 80 | | | | 85 | 90 | | | |
| **WTG p. 289 ROUTINE CHECKING AND RECORDING** | | | | | | | | | | |
| 209.588 Clerk, General (clerical) | | | | | | | | | | |
| *209.588 Copy Holder (clerical) | 108 | 85 | 100 | | | 95 | 100 | | | |
| 209.588 Credit Card Clerk (ret. tr.) | | | | | | | | | | |
| 209.588 Marker (ret. tr.; whole. tr.) | | | | | | | | | | |
| 209.688 Braille Proofreader (print. & pub.) | | | | | | | | | | |
| *209.688 Proofreader (print. & pub.) I | 108 | 85 | 100 | | | 95 | 100 | | | |
| 209.688 Reviewer (insurance) | | | | | | | | | | |
| **WTG p. 322 MANIPULATING** | | | | | | | | | | |
| *726.884 Cable Maker (elec. equip.; electronics) | 160 | 90 | | | | 85 | 90 | | 80 | |
| **WTG p. 427 PROTECTING AND RELATED WORK** | | | | | | | | | | |
| **372.868 Correction Officer (gov. ser.) | 348R | | 95 | 95 | 100 | 85 | | | | |
| 372.868 Guard (any ind.) I | | | | | | | | | | |
| 376.868 Detective (any ind.) I | | | | | | | | | | |
| 376.868 Detective (any ind.) II | | | | | | | | | | |

# OAP-25

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 80 | 76 | 74 |
| P (Form Perception) | 90 | 86 | 82 |
| K (Motor Coordination) | 80 | 74 | 68 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 80 | | | | 90 | | 80 | | |
| **WTG p. 280 COMPUTING AND RELATED RECORDING** | | | | | | | | | | |
| **941.488 Log Scaler (logging; paper & pulp; sawmill) | 390 | | | 90 | | 80 | | 75 | | |
| **WTG p. 282 SORTING, INSPECTING, MEASURING AND RELATED WORK** | | | | | | | | | | |
| 413.687 Wool-Fleece Grader (agric.) | | | | | | | | | | |
| 685.687 Cloth Inspector (knit goods) | | | | | | | | | | |
| 689.687 Rug Inspector (fiber rugs) | | | | | | | | | | |
| 710.687 Calibration Checker (inst. & app.) II | | | | | | | | | | |
| 781.484 Marker (any ind.) I | | | | | | | | | | |
| **WTG p. 291 SWITCHBOARD SERVICE** | | | | | | | | | | |
| *235.862 Central-Office Operator (tel. & tel.) | 9 | 85 | | | | 95 | | 90 | | 90 |
| 235.862 Gamewell Operator (gov. ser.) | | | | | | | | | | |
| 235.862 Information Operator (tel. & tel.) | | | | | | | | | | |
| 235.862 Telephone Operator (clerical) | | | | | | | | | | |

## OAP-26

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 8* |
| G (Intelligence) | 80 | 76 | 74 |
| K (Motor Coordination) | 90 | 84 | 78 |
| M (Manual Dexterity) | 80 | 74 | 71 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 80 | | | | | | 90 | | 80 |
| **WTG p. 411 CROPPING, ANIMAL FARMING, GARDENING AND RELATED WORK** | | | | | | | | | | |
| 407.181 Landscape Gardener (agric.) | | | | | | | | | | |
| 419.181 Animal Breeder (agric.) | | | | | | | | | | |
| **WTG p. 430 SET UP AND/OR ALL-ROUND MACHINE OPERATING** | | | | | | | | | | |
| *692.380 Firesetter (elec. equip.; electronics) | 133 | 80 | | | | | | 80 | | 90 |
| **WTG p. 444 DRIVING-OPERATING** | | | | | | | | | | |
| 407.883 Greenskeeper (any ind.) II | | | | | | | | | | |
| 424.883 Heavy-Equipment Operator (agric.) | | | | | | | | | | |
| 852.883 Concrete-Paver Operator (const.) | | | | | | | | | | |
| 853.883 Asphalt-Paving-Machine Operator (const.) | | | | | | | | | | |
| 905.883 Truck Driver, Heavy (any ind.) | | | | | | | | | | |
| 906.883 Truck Driver, Light (any ind.) | | | | | | | | | | |
| *922.883 Fork-Lift-Truck Operator (any ind.) | 131 | 75 | | | | | | 90 | | 80 |
| 930.883 Continuous-Mining-Machine Operator (mining & quarrying) | | | | | | | | | | |
| **WTG p. 447 TENDING** | | | | | | | | | | |
| *681.885 Carding-Machine Operator (trim & stamp. art goods) | 50 | | | | | | | 90 | | 85 |

## OAP–27

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 75 | 71 | 69 |
| K (Motor Coordination) | 90 | 84 | 78 |
| F (Finger Dexterity) | 100 | 95 | 91 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 75 | | | | | | 90 | 100 | |
| **WTG p. 322 MANIPULATING** | | | | | | | | | | |
| •724.884 Resistor Winder, Hand (electronics) | 227 | 85 | | | | | | 100 | 110 | |
| •726.884# Core-Plane Wirer (electronics) | 317 | 75 | | | | 75 | | 90 | 100 | |
| 826.884 Resistor Assembler (elec. equip.) | | | | | | | | | | |
| **WTG p. 360 HANDLING** | | | | | | | | | | |
| 724.884 Resistor-Lead-Wire Assembler (electronics) | | | | | | | | | | |
| 732.887 Laborer (sports equip.) | | | | | | | | | | |
| •920.887 Marker (any ind.) II | 219 | 75 | | | 75 | | | 85 | 90 | |

## OAP-28

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| G (Intelligence) | 75 | 71 | 69 |
| F (Finger Dexterity) | 75 | 70 | 67 |
| M (Manual Dexterity) | 80 | 74 | 71 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | 75 | | | | | | | 75 | 80 |
| WTG p. 322 MANIPULATING | | | | | | | | | | |
| *779.884 Fettler (brick & tile) | 22 | | | | | | | | 75 | 75 |
| WTG p. 435 OPERATING-CONTROLLING | | | | | | | | | | |
| *669.782 Woodworking-Machine Operator (woodworking) | 144 | 75 | | 75 | | | | | 75 | 75 |
| WTG p. 447 TENDING | | | | | | | | | | |
| 603.885 Grinder Operator, Production (mach. shop) | | | | | | | | | | |
| 604.885 Screw-Machine Operator, Production (mach. shop) | | | | | | | | | | |
| 605.885 Milling-Machine Operator, Production (mach. shop) | | | | | | | | | | |
| 606.885 Boring-Machine Operator, Production (mach. shop) | | | | | | | | | | |
| *609.885 Production-Machine Operator (mach. shop) | 135 | 75 | | | | | | | 75 | 80 |
| 609.885 Transfer-Machine Operator (mach. shop) | | | | | | | | | | |
| 619.885 Machine Operator (any ind.) II | | | | | | | | | | |
| 619.885 Production-Machine Tender (nut & bolt) | | | | | | | | | | |
| 662.885 Turning-Sander Operator (woodworking) | | | | | | | | | | |
| 663.885 Molding Cutter (woodworking) | | | | | | | | | | |
| 669.885 Clampman (woodworking) | | | | | | | | | | |
| *920.885# Tea-Bag Operator (food prep., n.e.c.) | 301 | 80 | | | | | | | 80 | 90 |
| *976.885 Mounter, Color Film (any ind.) | 161 | 75 | | | | 70 | | | 75 | 80 |

# OAP-29

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| V (Verbal Aptitude) | 90 | 88 | 84 |
| Q (Clerical Perception) | 100 | 96 | 92 |
| K (Motor Coordination) | 90 | 84 | 78 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | 90 | | | | 100 | 90 | | |
| **WTG p. 245 MANAGERIAL WORK** | | | | | | | | | | |
| *187.168 Manager, Restaurant or Coffee Shop (hotel & rest.) | 425 | | 85 | | | | 95 | 90 | | |
| **WTG p. 248 CONSULTATIVE AND BUSINESS SERVICES** | | | | | | | | | | |
| †168.268# Credit Man (ret. tr.; whole. tr.) | 320 | | 90 | | | | 110 | 100 | | |
| **WTG p. 258 INFORMATION GATHERING, DISPENSING, VERIFYING, AND RELATED WORK** | | | | | | | | | | |
| 243.368 Telephone-Quotation Clerk (finan. inst.) | | | | | | | | | | |
| 249.368 Counter Clerk (print. & pub.) | | | | | | | | | | |
| 249.368 Library Assistant (library) | | | | | | | | | | |
| **249.368 Telephone Ad-Taker (print. & pub.) | 417 | 90 | | | | | 90 | 100 | | |
| **WTG p. 274 TYPESETTING, REPRODUCING, AND RELATED MACHINE WORK** | | | | | | | | | | |
| **650.582 Linotype Operator (print. & pub.) | 128R | | 80 | | | 85 | | 85 | | |
| †650.582 Monotype-Keyboard Operator (print. & pub.; type found.) | 163R | | 85 | | | | 105 | 95 | | |
| **WTG p. 276 CLASSIFYING, FILING AND RELATED WORK** | | | | | | | | | | |
| 209.388 Classified-Ad Clerk (print. & pub.) | | | | | | | | | | |
| *219.388 Coding Clerk (clerical) | 410 | | 95 | | | | 95 | 90 | | |

## OAP-29—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| V (Verbal Aptitude) ---------- | 90 | 88 | 84 |
| Q (Clerical Perception) -------- | 100 | 96 | 92 |
| K (Motor Coordination) ------- | 90 | 84 | 78 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | 90 | | | | 100 | 90 | | |
| WTG p. 289 ROUTINE CHECKING AND RECORDING | | | | | | | | | | |
| **231.688 Distribution Clerk (gov. ser.) | 162 | 90 | | | | | 85 | 85 | | |
| WTG p. 291 SWITCHBOARD SERVICE | | | | | | | | | | |
| †235.862 Telephone-Answering-Service Operator (bus. ser.) | 206 | | 80 | | | | 90 | 100 | | |

# OAP-30

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| V (Verbal Aptitude) ---------- | 85 | 83 | 80 |
| N (Numerical Aptitude) ------ | 85 | 80 | 79 |
| K (Motor Coordination) ------ | 85 | 79 | 73 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | 85 | 85 | | | | 85 | | |
| WTG p. 413 TECHNICAL WORK, SCIENCE AND RELATED FIELDS | | | | | | | | | | |
| *441.384 Forester Aid (gov. ser.) | 438 | | 90 | 95 | | | | 90 | | 90 |
| WTG p. 493 SELLING AND RELATED WORK | | | | | | | | | | |
| 291.858 Peddler (ret. tr.) I | | | | | | | | | | |
| WTG p. 501 CUSTOMER SERVICE WORK, n.e.c. | | | | | | | | | | |
| 222.478 Retail-Receiving Clerk (clean., dye., & press.; laund.) | | | | | | | | | | |
| 240.468 Lay-Away Clerk (ret. tr.) | | | | | | | | | | |
| *290.478 Sales Clerk (ret. tr.) | 278 | | 85 | 80 | | | | 85 | | |
| 919.478 Car-Rental Clerk (auto. ser.) | | | | | | | | | | |

# OAP-31

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| N (Numerical Aptitude) ------ | 105 | 100 | 98 |
| S (Spatial Aptitude) ------- | 105 | 104 | 101 |
| Q (Clerical Perception) ------ | 100 | 96 | 92 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | 105 | 105 | | 100 | | | |
| **WTG p. 385 SURVEYING, PROSPECTING, AND RELATED WORK** | | | | | | | | | | |
| 010.288 Scout (petrol. production) | | | | | | | | | | |
| 018.188 Instrument Man (profess. & kin.) | | | | | | | | | | |
| *018.188 Surveyor (profess. & kin.) | 389 | | | 110 | 100 | | 95 | 80 | | |
| 025.288 Weather Observer (profess. & kin.) | | | | | | | | | | |
| 196.188 Navigator (air trans.) | | | | | | | | | | |
| **WTG p. 418 MATERIALS ANALYSIS AND RELATED WORK** | | | | | | | | | | |
| *078.381 Medical Laboratory Assistant (medical ser.) | 384 | | | 100 | 110 | | 110 | | | |
| 469.381 Dairy Tester (agric.) | | | | | | | | | | |
| **WTG p. 466 SCIENTIFIC RESEARCH** | | | | | | | | | | |
| *041.081 Biologist (profess. & kin.) | 283 | | | 110 | 105 | | 110 | | | |

## OAP–32

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| N (Numerical Aptitude) ------ | 100 | 94 | 93 |
| F (Finger Dexterity) --------- | 80 | 75 | 72 |
| M (Manual Dexterity) ------- | 95 | 89 | 86 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | 100 | | | | | 80 | 95 |
| WTG p. 430 SET UP AND/OR ALL-ROUND MACHINE OPERATING | | | | | | | | | | |
| *575.380# Press Operator (glass mfg.) | 170 | 90 | | 100 | | | | | 70 | 95 |
| WTG p. 508 MISCELLANEOUS CUSTOMER SERVICE WORK | | | | | | | | | | |
| *915.867 Automobile-Service-Station Attendant (auto. ser.) | 198 | | | 90 | | | | | 80 | 85 |

## OAP–33

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| N (Numerical Aptitude) ------ | 95 | 90 | 88 |
| P (Form Perception) ---------- | 100 | 97 | 92 |
| Q (Clerical Perception) ------- | 105 | 101 | 96 |

| S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | G | V | N | S | P | Q | K | F | M |
| | | | 95 | | 100 | 105 | | | |
| WTG p 280 COMPUTING AND RELATED RECORDING | | | | | | | | | |
| 214.488 Billing-Machine Operator (clerical) | | | | | | | | | |
| *215.388 Bookkeeping-Machine Operator (clerical) I | 5 | | 95 | | 100 | 110 | | 90 | |
| 216.388 Balance Clerk (clerical) | | | | | | | | | |
| 216.488 Adding-Machine Operator (clerical) | | | | | | | | | |
| 216.488 Audit-Machine Operator (clerical) | | | | | | | | | |
| *216.488 Calculating-Machine Operator (clerical) | 90 | | 95 | | 100 | 105 | 95 | | |
| *216.488 Comptometer Operator (clerical) | 90 | | 95 | | 100 | 105 | 95 | | |
| 216.488 Food Checker (hotel & rest.) II | | | | | | | | | |
| 216.488 Interline Clerk (r.r. trans.) | | | | | | | | | |
| 217.388 Proof Machine Operator (banking) | | | | | | | | | |

# OAP–34

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| N (Numerical Aptitude) ------ | 90 | 85 | 83 |
| S (Spatial Aptitude) --------- | 95 | 94 | 91 |
| P (Form Perception) --------- | 90 | 86 | 82 |

| | | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | G | V | N | S | P | Q | K | F | M |
| | | | | | 90 | 95 | 90 | | | | |
| **WTG p. 312** | **CRAFTSMANSHIP AND RELATED WORK** | | | | | | | | | | |
| 601.381 | Die Finisher (mach. shop) | | | | | | | | | | |
| *651.381 | Overlay Cutter (print. & pub.) | 40R | | | 85 | 85 | 85 | | | | |
| *661.281 | Patternmaker, Wood (found.) | 132 | | | 90 | 100 | 80 | | | | |
| 710.281 | Instrument Man (aircraft mfg.; air trans.) | | | | | | | | | | |
| *710.281 | Instrument Repairman (any ind.) I | 318R | | | 85 | 100 | 80 | | | | |
| 710.381 | Meter Mechanic (light, heat, & power) | | | | | | | | | | |
| *736.381 | Process Inspector (ordnance) | 277 | | | 100 | 100 | 95 | | | | |
| **806.381 | Shipfitter (ship & boat bldg. & rep.) | 45R | | | | 105 | 75 | | | | 85 |
| **809.381 | Structural-Steel Layout Man (any ind.) | 344R | | | | 100 | 95 | 90 | | | |
| *971.381 | Stripper (print. & pub.) | 140R | | | 85 | 90 | 95 | | | | |
| **WTG p. 319** | **PRECISION WORKING** | | | | | | | | | | |
| **865.781 | Glazier (const.) | 171R | | | 80 | 105 | 75 | | | | |
| **WTG p. 377** | **DRAFTING AND RELATED WORK** | | | | | | | | | | |
| **001.281 | Draftsman, Architectural (profess. & kin.) | 266R | | | 90 | 115 | 90 | 100 | | | |
| **005.281 | Draftsman, Civil (profess. & kin.) | 266R | | | 90 | 115 | 90 | 100 | | | |
| **005.281 | Draftsman, Structural (profess. & kin.) | 266R | | | 90 | 115 | 90 | 100 | | | |
| **010.281 | Draftsman, Mechanical (profess. & kin.) | 266R | | | 90 | 115 | 90 | 100 | | | |
| **010.281 | Draftsman, Geological (petrol. production) | 266R | | | 90 | 115 | 90 | 100 | | | |
| **017.281 | Detailer (profess. & kin.) | 266R | | | 90 | 115 | 90 | 100 | | | |
| **019.281# | Engineering Aide (profess. & kin.) II | 373 | | | 90 | 115 | 95 | | | | |
| **WTG p. 379** | **TECHNICAL WORK, ENGINEERING AND RELATED FIELDS** | | | | | | | | | | |
| **003.181 | Electronic Technician (profess. & kin.) | 293R | | | 105 | 100 | 90 | | | | |
| 015.281 | Scanner (profess. & kin.) | | | | | | | | | | |
| 019.281 | Test Technician (agric. equip.) | | | | | | | | | | |
| 199.181 | Proof Technician (ammunition; firearms) | | | | | | | | | | |

## OAP-34—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| N (Numerical Aptitude) ------ | 90 | 85 | 83 |
| S (Spatial Aptitude) ---------- | 95 | 94 | 91 |
| P (Form Perception) ---------- | 90 | 86 | 82 |

| | S# | G | V | N | S | P | Q | K | F | M |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 90 | 95 | 90 | | | | |
| **WTG p. 420 APPRAISING AND INVESTIGATING WORK** | | | | | | | | | | |
| 182.287 Construction Inspector (const.) | | | | | | | | | | |
| 449.287 Cruiser (forestry; logging) | | | | | | | | | | |
| 807.287 Shop Estimator (auto. ser.) | | | | | | | | | | |
| **WTG p. 430 SET UP AND/OR ALL-ROUND MACHINE OPERATING** | | | | | | | | | | |
| 600.280 Instrument Maker (any ind.) II | | | | | | | | | | |
| 600.280 Model Maker (firearms) | | | | | | | | | | |
| *600.280 Patternmaker, Metal (found.) | 132 | | | 90 | 100 | 80 | | | | |
| 601.280 Die Maker, Stamping (mach. shop) | | | | | | | | | | |
| *601.280 Tool-and-Die Maker (mach. shop) | 212R | | | 95 | 100 | 90 | | | | |
| 601.280 Tool Machine Set-Up Operator (mach. shop) | | | | | | | | | | |
| 602.280 Gear-Cutting-Machine Set-Up Operator, Tool (mach. shop) | | | | | | | | | | |
| 605.380 Milling-Machine Set-Up Operator, Tool (mach. shop) | | | | | | | | | | |
| 693.280 Form Builder (aircraft mfg.) | | | | | | | | | | |
| **WTG p. 435 OPERATING-CONTROLLING** | | | | | | | | | | |
| †559.782 Chemical Operator (chem.) III | 330R | | | 80 | 100 | 70 | | | | |
| *651.782 Cylinder Press Man (print. & pub.) | 40R | | | 85 | 85 | 85 | | | | |
| *651.782 Engraving-Press Operator (print. & pub.) | 40R | | | 85 | 85 | 85 | | | | |
| *651.782 Offset Press Man (print. & pub.) | 40R | | | 85 | 85 | 85 | | | | |
| *651.782 Platen Press Man (print. & pub.) | 40R | | | 85 | 85 | 85 | | | | |
| *651.782 Web-Press Man (print. & pub.) | 40R | | | 85 | 85 | 85 | | | | |
| *659.782 Embossing-Press Operator (print. & pub.) | 40R | | | 85 | 85 | 85 | | | | |

# OAP–35

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| N (Numerical Aptitude) ------ | 85 | 80 | 79 |
| S (Spatial Aptitude) --------- | 95 | 94 | 91 |
| F (Finger Dexterity) --------- | 80 | 75 | 72 |

| | | S# | APTITUDE SCORES | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | G | V | N | S | P | Q | K | F | M |
| | | | | | 85 | 95 | | | | 80 | |
| **WTG p. 312** | **CRAFTSMANSHIP AND RELATED WORK** | | | | | | | | | | |
| 620.281 | Carburetor Man (auto. ser.) | 201R | | | 75 | 85 | | | | 75 | |
| †620.281 | Construction-Equipment Mechanic (const.) | | | | | | | | | | |
| *621.281 | Aircraft-and-Engine Mechanic (aircraft mfg.; air trans.) | 111R | | | 90 | 100 | | | | 85 | |
| 621.281 | Experimental Mechanic (aircraft mfg.) II | | | | | | | | | | |
| 621.281 | Supercharger Mechanic (aircraft mfg.; air trans.) | | | | | | | | | | |
| *720.281 | Radio Repairman (any ind.) | 113R | | | 80 | 95 | | | | 80 | |
| 720.281 | Tape-Recorder Repairman (any ind.) | | | | | | | | | | |
| *720.281 | Television Service and Repairman (any ind.) | 113R | | | 80 | 95 | | | | 80 | |
| 721.281 | Electric-Motor Repairman (any ind.) | | | | | | | | | | |
| **726.281 | Electronics Mechanic (electronics) | 103R | | | 95 | 70 | | | | | 95 |
| 824.281 | Electric-Distribution Checker (const.; light, heat, & power) | | | | | | | | | | |
| *824.281 | Electrician (any ind.) | 72R | | | 85 | 100 | | | | 85 | 85 |
| 824.281 | Neon-Sign Serviceman (signs) | | | | | | | | | | |
| 829.281 | Electrical Repairman (any ind.) | | | | | | | | | | |
| **829.281# | Inter-Com Serviceman (any ind.) II | 189 | | 80 | | 100 | | | | 75 | |
| *829.281 | Pinsetter Mechanic, Automatic (any ind.) | 284 | | | 85 | 85 | | | | 80 | |
| **WTG p. 430** | **SET UP AND/OR ALL-ROUND MACHINE OPERATING** | | | | | | | | | | |
| 681.280 | Machine Fixer (textile) | | | | | | | | | | |
| 684.280 | Looper Fixer (hosiery) | | | | | | | | | | |
| 685.380 | Knitter Mechanic (knit goods) | | | | | | | | | | |
| **689.280# | Knitting Machine Fixer, Socks (hosiery) | 91R | | | 75 | 80 | | | | 75 | |

# OAP-36

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| N (Numerical Aptitude) ------ | 85 | 80 | 79 |
| P (Form Perception) ---------- | 95 | 92 | 87 |
| M (Manual Dexterity) -------- | 90 | 84 | 81 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | 85 | | 95 | | | | 90 |
| **WTG p. 271 INSPECTING AND STOCK CHECKING** | | | | | | | | | | |
| 369.387 Rug Measurer (clean, dye, & press.; ret. tr.) | | | | | | | | | | |
| 412.387 Poultry Technician (agric.) I | | | | | | | | | | |
| 469.387 Cotton Classer (agric.; textile) | | | | | | | | | | |
| 525.387 Grader, Meat (slaught. & meat pack.) | | | | | | | | | | |
| 529.387 Fruit-Buying Grader (can & preserv.; whole. tr.) | | | | | | | | | | |
| 602.382 Gear-Sorting-Machine Operator (mach. shop) | | | | | | | | | | |
| 691.384 Inspector, Wire (wire) | | | | | | | | | | |
| 729.384 Inspector, Printed Circuit Boards (electronics) | | | | | | | | | | |
| 729.384 Winding Inspector (elec. equip.) | | | | | | | | | | |
| 869.387 Pipe-Line Construction Inspector (const.) | | | | | | | | | | |
| **WTG p. 312 CRAFTSMANSHIP AND RELATED WORK** | | | | | | | | | | |
| *518.381 Molder, Bench (found.) | 366 | | | 90 | | 100 | | | | 85 |
| *518.381 Molder, Floor (found.) | 366 | | | 90 | | 100 | | | | 85 |
| **WTG p. 319 PRECISION WORKING** | | | | | | | | | | |
| *842.781 Plasterer (const.) | 240 | | | 80 | | 85 | | | | 100 |
| **WTG p. 322 MANIPULATING** | | | | | | | | | | |
| *712.884# Inserter (dental equip.) | 430 | | | 85 | | 95 | | | | 85 |
| **WTG p. 360 HANDLING** | | | | | | | | | | |
| *712.887# Plastic Trimmer (dental equip.) | 430 | | | 85 | | 95 | | | | 85 |

# OAP–37

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| N (Numerical Aptitude) ------ | 80 | 75 | 74 |
| S (Spatial Aptitude) --------- | 95 | 94 | 91 |
| M (Manual Dexterity) ------- | 85 | 79 | 76 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | 80 | 95 | | | | | 85 |
| WTG p. 271 INSPECTING AND STOCK CHECKING | | | | | | | | | | |
| *619.387# Mill Inspector (iron & steel) | 97 | 75 | | 75 | 85 | | | | | 80 |
| *710.384 Inspector, Mechanical and Electrical (elec. equip.) | 355 | | | 95 | 90 | | | | | 80 |
| WTG p. 282 SORTING, INSPECTING, MEASURING AND RELATED WORK | | | | | | | | | | |
| *619.685# Crusher Inspector (iron & steel) | 97 | 75 | | 75 | 85 | | | | | 80 |
| *619.687# Mill End Inspector (iron & steel) | 97 | 75 | | 75 | 85 | | | | | 80 |
| *619.687# Pipe and Coupling Sizer (iron & steel) | 97 | 75 | | 75 | 85 | | | | | 80 |
| *619.687# Pipe Walker (iron & steel) | 97 | 75 | | 75 | 85 | | | | | 80 |
| *619.687# Thread Inspector (iron & steel) | 97 | 75 | | 75 | 85 | | | | | 80 |
| WTG p. 312 CRAFTSMANSHIP AND RELATED WORK | | | | | | | | | | |
| *299.381 Carpet Layer (ret. tr.) | 185 | | | 85 | 95 | | | | | 80 |
| 609.381 Inspector, Floor (mach. shop) | | | | | | | | | | |
| 619.281 Casting Repairman (any ind.) | | | | | | | | | | |
| *620.281 Automobile Mechanic (auto. ser.) | 43R | | | 75 | 95 | | | | | 90 |
| *620.281 Foreign Car Mechanic (auto. ser.) | 43R | | | 75 | 95 | | | | | 90 |
| 626.281 Machine Repairman, Maintenance (any ind.) | | | | | | | | | | |
| 626.281 Repairman, Welding Equipment (welding) | | | | | | | | | | |
| †638.281 Machinery Erector (engine & turbine; mach. mfg.) | 445 | | | 75 | 90 | | | | | 75 |
| **638.281 Manufacturer's Service Representative (mach. mfg.; mach. tool & access.) | 177R | | | 70 | 85 | | | | | 75 |
| **638.281 Millwright (any ind.) | 177R | | | 70 | 85 | | | | | 75 |
| 638.281 Salvage Man (any ind.) II | | | | | | | | | | |
| *739.381 Die Maker (paper goods) | 307R | | | 80 | 90 | | | | | 90 |
| 801.281 Fitter (any ind.) I | | | | | | | | | | |
| **805.281 Boilermaker (boilermaking) I | 262R | | | 70 | 80 | | 70 | | | 70 |
| *860.381 Carpenter (const.) | 11R | | | 80 | 85 | | | 70 | | 80 |
| 860.381 Form Builder (const.) | | | | | | | | | | |
| 860.381 Joiner (ship & boat bldg. & rep.) | | | | | | | | | | |
| 860.381 Shipwright (ship & boat bldg. & rep.) | | | | | | | | | | |
| 860.381 Tank Builder and Erector (const.) | | | | | | | | | | |
| **862.381 Pipe Fitter (const.) I | 61R | | | 85 | 80 | | 75 | | | 80 |

## OAP-37—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| N (Numerical Aptitude) ------ | 80 | 75 | 74 |
| S (Spatial Aptitude) --------- | 95 | 94 | 91 |
| M (Manual Dexterity) ------- | 85 | 79 | 76 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | 80 | 95 | | | | | 85 |
| **WTG p. 312 CRAFTSMANSHIP AND RELATED WORK (Continued)** | | | | | | | | | | |
| 862.381 Pipe Fitter, Diesel Engine (engine & turbine) | | | | | | | | | | |
| **862.381 Plumber (const.) | 61R | | | 85 | 80 | | 75 | | | 80 |
| **899.281 Maintenance Man, Factory or Mill (any ind.) | 363 | 105 | | 90 | | | | | | 90 |
| **WTG p. 319 PRECISION WORKING** | | | | | | | | | | |
| *840.781 Painter (const.) | 203 | | | 90 | 100 | | | | 80 | 80 |
| *842.781 Lather (const.) | 375R | | | 80 | 85 | | | | | 75 |
| *864.781 Floor Layer (const.; ret. tr.) | 185 | | | 85 | 95 | | | | | 80 |
| **WTG p. 322 MANIPULATING** | | | | | | | | | | |
| **844.884 Cement Mason (const.) | 215R | | | 70 | 70 | | | | | 85 |
| †863.884 Insulation Worker (const.) | 432R | | | 75 | | | | | | 85 |
| **WTG p. 430 SET UP AND/OR ALL-ROUND MACHINE OPERATING** | | | | | | | | | | |
| **600.280 Machinist (mach. shop) I | 12R | | | 80 | 80 | | | | | 80 |
| *660.280 Cabinet Maker (woodworking) | 100R | | | 85 | 105 | | | | | 85 |
| **No WTG** | | | | | | | | | | |
| *97____# Photo-Offset Lithography (print. & pub.) | 377R | | | 90 | 95 | | | | | 95 |

# OAP–38

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| N (Numerical Aptitude) ------ | 80 | 75 | 74 |
| S (Spatial Aptitude) --------- | 85 | 84 | 82 |
| K (Motor Coordination) ------ | 90 | 74 | 68 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | 80 | 85 | | | 80 | | |
| **WTG p. 276 CLASSIFYING, FILING AND RELATED WORK** | | | | | | | | | | |
| *219.388 Programmer, Detail, Graphic Arts (clerical) | 450 | | | 95 | 85 | | | 85 | | |
| **WTG p. 312 CRAFTSMANSHIP AND RELATED WORK** | | | | | | | | | | |
| *801.381 Aircraft Mechanic, Armament (aircraft mfg.) | 69R | | | 75 | 80 | | | 75 | | |
| *825.281 Electrician, Airplane (aircraft mfg.) | 69R | | | 75 | 80 | | | 75 | | |
| *861.381 Bricklayer (const.) | 107R | | | 85 | 90 | 90 | | 85 | | |
| **WTG p. 435 OPERATING-CONTROLLING** | | | | | | | | | | |
| **649.782 Cutting-and-Creasing Pressman (paper goods) | 300R | | | 70 | 90 | 70 | | | | |
| *950.782 Stationary Engineer (any ind.) | 357R | | | 80 | 90 | | 75 | 80 | | |
| *952.782 Steam-Power-Plant Operator | 340R | | | 85 | 85 | | | 85 | | 75 |
| *975.782 Stereotyper (print. & pub.) | 176R | | | 80 | 80 | | 85 | 85 | | |
| **WTG p. 444 DRIVING-OPERATING** | | | | | | | | | | |
| *859.883 Operating Engineer (const.) II | 343R | | | 75 | 80 | | | 75 | | |
| **WTG p. 519 TRANSPORTATION SERVICE WORK** | | | | | | | | | | |
| 913.363 Taxi Driver (motor trans.) | | | | | | | | | | |
| 913.463 Bus Driver (motor trans.) | | | | | | | | | | |

## OAP-39

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| N (Numerical Aptitude) ------ | 80 | 75 | 74 |
| Q (Clerical Perception) ------- | 95 | 91 | 87 |
| K (Motor Coordination) ------ | 75 | 69 | 64 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | $V_e$ | N | S | P | Q | K | F | M |
| | | | | 80 | | | 95 | 75 | | |
| WTG p. 258 INFORMATION GATHERING, DISPENSING, VERIFYING AND RELATED WORK | | | | | | | | | | |
| *099.368# Teacher Aid, Elementary School (education) | 398 | | | 75 | | | 95 | 80 | | |
| 239.368 Counter Clerk (tel. & tel.) | | | | | | | | | | |
| WTG p. 265 FACILITIES, SERVICES, AND MOVEMENT ALLOCATING AND EXPEDITING WORK | | | | | | | | | | |
| 910.368 Railway-Express Clerk (r.r. trans.) | | | | | | | | | | |
| WTG p. 267 PAYING AND RECEIVING (BANKS AND OTHER ESTABLISHMENTS) | | | | | | | | | | |
| 232.368 Post-Office Clerk (clerical) | | | | | | | | | | |
| 232.368 Post-Office Clerk (gov. ser.) | | | | | | | | | | |
| WTG p. 276 CLASSIFYING, FILING, AND RELATED WORK | | | | | | | | | | |
| 209.388 Cancellation Clerk (insurance) | | | | | | | | | | |
| 209.388 Mortgage Clerk (banking) | | | | | | | | | | |
| 209.388 Statement Clerk (banking) | | | | | | | | | | |
| 219.388 Control Clerk, Data Processing (clerical) I | | | | | | | | | | |
| 219.388 Insurance Clerk (clerical) I | | | | | | | | | | |
| WTG p. 322 MANIPULATING | | | | | | | | | | |
| *726.884 Capacitor Winder (electronics) | 281R | | | 80 | | | 95 | 75 | | |

# OAP-40

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| N (Numerical Aptitude) ------ | 80 | 75 | 74 |
| Q (Clerical Perception) ------- | 85 | 82 | 78 |
| M (Manual Dexterity) ------- | 80 | 74 | 71 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | 80 | | | 85 | | | 80 |
| **WTG p. 265 FACILITIES, SERVICES, AND MOVEMENT ALLOCATING AND EXPEDITING WORK** | | | | | | | | | | |
| *912.368 Tranportation Agent (air trans.) | 379 | | | 85 | | | 85 | | | 80 |
| **WTG p. 271 INSPECTING AND STOCK CHECKING** | | | | | | | | | | |
| 222.387 Shipping and Receiving Clerk (clerical) | | | | | | | | | | |
| 223.387 Material Clerk (clerical) | | | | | | | | | | |
| *223.387 Stock Clerk (clerical) | 2 | | | 75 | | | 75 | | 65 | 80 |
| 223.387 Tool Clerk (clerical) | | | | | | | | | | |
| 549.384 Tester, Compressed Gases (comp. & liquified gases) | | | | | | | | | | |
| 549.387 Cargo, Inspector (petrol. production; petrol. refin.; pipe lines) | | | | | | | | | | |
| 941.487 Scaler, Wood (paper & pulp) | | | | | | | | | | |
| **WTG p. 282 SORTING, INSPECTING, MEASURING, AND RELATED WORK** | | | | | | | | | | |
| 224.487 Weigher (any ind.) | | | | | | | | | | |
| 554.484 Sampler (fabric. plastics prod.; plastics mat.) | | | | | | | | | | |
| 589.487 Yarn-Testing Weighman (textile) | | | | | | | | | | |
| **WTG p. 360 HANDLING** | | | | | | | | | | |
| *920.887# Merchandise Packer (any ind.) | 165 | | | 70 | | | 85 | | 70 | 85 |
| **WTG p. 507 MISCELLANEOUS PERSONAL SERVICE WORK (FOOD SERVING, PORTERING, VALETING, AND RELATED ACTIVITIES)** | | | | | | | | | | |
| †311.878 Waitress (hotel & rest.) | 179 | | | 85 | | | | | | 85 |
| †311.878# Waitress (hotel & rest.) II | 305 | | | | | | 75 | | | 80 |

# OAP-41

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| S (Spatial Aptitude) ---------- | 95 | 94 | 91 |
| Q (Clerical Perception) -------- | 85 | 82 | 78 |
| K (Motor Coordination) ------- | 75 | 69 | 64 |

| | | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | G | V | N | S | P | Q | K | F | M |
| | | | | | | 95 | | 85 | 75 | | |
| WTG p. 312 | CRAFTSMANSHIP AND RELATED WORK | | | | | | | | | | |
| *821.381 | Lineman, Repair (light, heat, & power) | 154R | | | | 90 | | 75 | 70 | | |
| *972.281 | Process Artist (print. & pub.) | 222R | | | | 90 | | 95 | 80 | | |
| *972.381 | Transferrer (print. & pub.) I | 224 | | | | 100 | | 90 | 80 | | |
| 972.381 | Sketch Maker (print. & pub.) | | | | | | | | | | |
| 974.381 | Electrotyper (print. & pub.) | | | | | | | | | | |
| WTG p. 322 | MANIPULATING | | | | | | | | | | |
| 821.884 | Wireman, Street Light (light, heat, & power) | | | | | | | | | | |
| 822.884 | Cable Man (tel. & tel.) | | | | | | | | | | |

# OAP–42

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| S (Spatial Aptitude) ---------- | 90 | 89 | 87 |
| P (Form Perception) ---------- | 85 | 81 | 76 |
| M (Manual Dexterity) -------- | 85 | 79 | 76 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | 90 | 85 | | | | 85 |
| **WTG p. 234 ARTISTIC RESTORATION, DECORATION AND RELATED WORK** | | | | | | | | | | |
| 298.381 Decorator (any ind.) I | | | | | | | | | | |
| **WTG p. 271 INSPECTING & STOCK CHECKING** | | | | | | | | | | |
| 379.384 Automobile Tester (gov. ser.) | | | | | | | | | | |
| 502.382 Fluoroscope Operator (aircraft mfg.; nonfer. metal alloys) | | | | | | | | | | |
| 609.382 Inspector, Magnetic (mach. shop) | | | | | | | | | | |
| 609.384 Comparator Operator (any ind.) | | | | | | | | | | |
| 827.387 Refrigerator Tester (refrigerat. equip.) | | | | | | | | | | |
| **WTG p. 312 CRAFTSMANSHIP AND RELATED WORK** | | | | | | | | | | |
| 332.381 Wig Dresser (hairwork; per. ser.) | | | | | | | | | | |
| 339.381 Lady Attendant (per. ser.) | | | | | | | | | | |
| 518.381 Coremaker (found.) | | | | | | | | | | |
| *633.281 Adding-Machine Serviceman (any ind.) | 234 | | | | 90 | 85 | | 80 | | 85 |
| *633.281 Calculating-Machine Serviceman (any ind.) | 234 | | | | 90 | 85 | | 80 | | 85 |
| *633.281 Cash-Register Serviceman (any ind.) | 234 | | | | 90 | 85 | | 80 | | 85 |
| *633.281 Duplicating-Machine Serviceman (any ind.) | 234 | | | | 90 | 85 | | 80 | | 85 |
| *633.281 Office-Machine Serviceman (any ind.) | 234 | | | | 90 | 85 | | 80 | | 85 |
| *633.281 Typewriter Serviceman (any ind.) | 234 | | | | 90 | 85 | | 80 | | 85 |
| *693.381 Model Maker (aircraft mfg.) I | 448 | | | | 90 | 75 | | | | 90 |
| 712.281 Medical-Apparatus Model Maker (inst. & app.) | | | | | | | | | | |
| *712.381 Dental-Laboratory Technician (medical ser.) | 285 | | | | 80 | 80 | | 80 | | 85 |
| 712.381 Molder, Bench (dental equip.) | | | | | | | | | | |
| †772.281 Glass Blower, Laboratory Apparatus (glass prod.; inst. & app.) | 345 | | | | 95 | 95 | | | | 95 |
| **804.281 Sheet-Metal Worker (any ind.) | 82R | | | | 90 | | 80 | 75 | | 95 |
| *807.381 Automobile-Body Repairman (auto. ser.) | 313 | | | | 85 | 90 | | | | 90 |

## OAP-42—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| S (Spatial Aptitude) | 90 | 89 | 87 |
| P (Form Perception) | 85 | 81 | 76 |
| M (Manual Dexterity) | 85 | 79 | 76 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | 90 | 85 | | | | 85 |
| **WTG p. 319 PRECISION WORKING** | | | | | | | | | | |
| 575.781 Glass Blower (glass mfg.) | | | | | | | | | | |
| 638.781 Machine Assembler (mach. mfg.) | | | | | | | | | | |
| 700.781 Hammersmith (silverware) | | | | | | | | | | |
| 705.781 Lapper, Hand, Tool (mach. shop) | | | | | | | | | | |
| 789.781 Luggage Maker (leather prod.) | | | | | | | | | | |
| 844.781 Concrete-Stone Finisher (conc. prod.) | | | | | | | | | | |
| **WTG p. 322 MANIPULATING** | | | | | | | | | | |
| *706.884# Power-Lawn-Mower Assembler (agric. equip.) | 141 | 100 | | | 85 | 85 | | | | 80 |
| *930.884 Rotary-Driller Helper (petrol. production) | 328 | | | | 85 | 95 | | | | 85 |
| **WTG p. 430 SET UP AND/OR ALL-ROUND MACHINE OPERATING** | | | | | | | | | | |
| 015.380 Radioisotope-Production Operator (chem.) | | | | | | | | | | |
| 500.380 Plater (electroplating) | | | | | | | | | | |
| 504.380 Flame-Hardening Machine Set-Up Man (heat treat.) | | | | | | | | | | |
| *604.280 Turret-Lathe Set-Up Operator, Tool (mach. shop) | 33 | 80 | | | 80 | 85 | | | | 80 |
| *619.380 Metal-Fabricator (any ind.) I | 235 | | | | 90 | 70 | | | 70 | 85 |
| 619.380 Multi-Operation-Forming-Machine Set-Up Man (any ind.) | | | | | | | | | | |
| †675.380 Precision-Lens Grinder (optical goods) | 334 | | | | 95 | 80 | | | | 75 |
| 695.280 Loading-Machine Tool-Setter (ammunition) | | | | | | | | | | |
| 809.380 Balancing-Machine Set-Up Man (any ind.) | | | | | | | | | | |
| 813.380 Welder Set-Up Man, Resistance Machine (welding) | | | | | | | | | | |
| 814.380 Brazing-Machine Set-Up Man (welding) | | | | | | | | | | |
| **WTG p. 433 SET-UP AND ADJUSTMENT** | | | | | | | | | | |
| 617.780 Set-Up Man (iron & steel; ore dress.; smelt. & refin.) | | | | | | | | | | |

## OAP-42—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| S (Spatial Aptitude) | 90 | 89 | 87 |
| P (Form Perception) | 85 | 81 | 76 |
| M (Manual Dexterity) | 85 | 79 | 76 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | 90 | 85 | | | | 85 |
| WTG p. 499 BEAUTICIAN & BARBERING SERVICES | | | | | | | | | | |
| *332.271 Cosmetologist (per. ser.) | 71R | | | | 90 | 80 | 95 | | | 75 |
| 333.271 Make-Up Man (amuse. & rec.; motion pic.) | | | | | | | | | | |

## OAP-43

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| S (Spatial Aptitude) ---------- | 85 | 84 | 82 |
| P (Form Perception) ---------- | 90 | 86 | 82 |
| F (Finger Dexterity) ---------- | 85 | 80 | 77 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | 85 | 90 | | | 85 | |
| **WTG p. 282 SORTING, INSPECTING, MEASURING AND RELATED WORK** | | | | | | | | | | |
| *715.585 Timing-Machine Operator (clock & watch) | 151 | | | | 85 | 90 | | | 90 | |
| **WTG p. 310 COOKING AND RELATED WORK** | | | | | | | | | | |
| *313.381 Cook (hotel & rest.) | 238R | | | | 85 | 90 | | | 70 | 70 |
| 315.381 Cook (any ind.) | | | | | | | | | | |
| **WTG p. 312 CRAFTSMANSHIP AND RELATED WORK** | | | | | | | | | | |
| 346.381 Wardrobe-Specialty Worker (motion pic.) | | | | | | | | | | |
| *620.381 Automobile-Service Station Mechanic (auto. ser.) | 380 | | | | 90 | 80 | | | 80 | |
| *715.281 Repairman (clock & watch) | 151 | | | | 85 | 90 | | | 90 | |
| 715.281 Watchmaker (any ind.) | | | | | | | | | | |
| 715.381 Final Inspector (clock & watch) | | | | | | | | | | |
| *715.381 Hairspring Inspector (clock & watch) I | 151 | | | | 85 | 90 | | | 90 | |
| *715.381 Train Inspector (clock & watch) | 151 | | | | 85 | 90 | | | 90 | |
| *785.381 Seamstress (any ind.) | 59 | | | | 85 | 90 | | | 85 | |
| 785.381 Seamstress, Women's Garment Alterations (ret. tr.) | | | | | | | | | | |
| 785.381 Shop Tailor (garment; ret. tr.) | | | | | | | | | | |
| 785.381 Women's-Garment Fitter (ret. tr.) | | | | | | | | | | |
| **WTG p. 319 PRECISION WORKING** | | | | | | | | | | |
| *715.781 Banking Adjuster (clock & watch) | 151 | | | | 85 | 90 | | | 90 | |
| 715.781 Barrel Assembler (clock & watch) | | | | | | | | | | |
| 715.781 Dial Maker (clock & watch) | | | | | | | | | | |
| 715.781 Polisher (clock & watch) | | | | | | | | | | |
| 770.781 Diamond-Die Polisher (clock & watch; wire) | | | | | | | | | | |
| 770.781 Lathe Operator (jewelry) | | | | | | | | | | |
| 770.781 Phonograph-Needle-Tip Maker (phonograph) | | | | | | | | | | |

## OAP-43—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| S (Spatial Aptitude) ---------- | 85 | 84 | 82 |
| P (Form Perception) ---------- | 90 | 86 | 82 |
| F (Finger Dexterity) ---------- | 85 | 80 | 77 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | 85 | 90 | | | 85 | |
| WTG p. 322 MANIPULATING | | | | | | | | | | |
| *715.884 Balance Assembler (clock & watch) | 151 | | | | 85 | 90 | | | 90 | |
| *715.884 Mechanism Assembler (clock & watch) | 151 | | | | 85 | 90 | | | 90 | |
| *715.884 Oiler (clock & watch) | 151 | | | | 85 | 90 | | | 90 | |
| 770.884 Jewel-Bearing Polisher (jewelry) | | | | | | | | | | |
| 770.884 Turner, Machine (jewelry) | | | | | | | | | | |
| WTG p. 360 HANDLING | | | | | | | | | | |
| *715.887# Hairspring Pinner (clock & watch) | 151 | | | | 85 | 90 | | | 90 | |
| WTG p. 435 OPERATING-CONTROLLING | | | | | | | | | | |
| *683.782 Weaver (fiber rugs; paper goods) | 115 | | | | 80 | 80 | | 70 | 75 | |
| WTG p. 447 TENDING | | | | | | | | | | |
| **514.885 Die-Casting-Machine Operator (found.) II | 166 | | | | 80 | 75 | | | 75 | |
| *715.885# Endshake Adjuster (clock & watch) | 151 | | | | 85 | 90 | | | 90 | |

80

# OAP–44

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| S (Spatial Aptitude) ---------- | 80 | 80 | 77 |
| P (Form Perception) ---------- | 85 | 81 | 76 |
| K (Motor Coordination) ------ | 90 | 84 | 78 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | 80 | 85 | | 90 | | |
| WTG p. 282 SORTING, INSPECTING, MEASURING, AND RELATED WORK | | | | | | | | | | |
| *712.687# Inspector, Plastic (dental equip.) | 412 | | | | 75 | 85 | | 90 | | |
| *715.687# Lancing Gager (clock & watch) | 152 | | | | 85 | 90 | | 80 | 75 | |
| WTG p. 322 MANIPULATING | | | | | | | | | | |
| *709.884# Straightener (clock & watch) | 152 | | | | 85 | 90 | | 80 | 75 | |
| 711.884 Precision-Lens Generator (optical goods) | | | | | | | | | | |
| *715.884 Burrer (clock & watch) | 152 | | | | 85 | 90 | | 80 | 75 | |
| *715.884 Staker (clock & watch) | 152 | | | | 85 | 90 | | 80 | 75 | |
| †740.884# Decorator, Hand (pottery & porc.) | 18 | | | | 90 | 95 | | 95 | | |
| 806.884 Automobile-Accessories Installer (auto. ser.) | | | | | | | | | | |
| 806.884 Mobile-Home Installer (trans. equip.) | | | | | | | | | | |
| WTG p. 360 HANDLING | | | | | | | | | | |
| *712.887# Inspector (dental equip.) | 412 | | | | 75 | 85 | | 90 | | |
| *715.887# Barrel Arbor Assembler (clock & watch) | 152 | | | | 85 | 90 | | 80 | 75 | |
| *715.887# Main Arbor & Hook Assembler (clock & watch) | 152 | | | | 85 | 90 | | 80 | 75 | |
| *715.887# Pinion Reamer (clock & watch) | 152 | | | | 85 | 90 | | 80 | 75 | |
| *715.887# Retaining Spring Attacher (clock & watch) | 152 | | | | 85 | 90 | | 80 | 75 | |
| *715.887# Rocking Bar Adjuster (clock & watch) | 152 | | | | 85 | 90 | | 80 | 75 | |
| *715.887# Tray Leader (clock & watch) | 152 | | | | 85 | 90 | | 80 | 75 | |
| WTG p. 433 SET-UP AND ADJUSTMENT | | | | | | | | | | |
| 534.780 Carbon-Paper-Coating-Machine Set-Up Man (pen & pencil) | | | | | | | | | | |
| 640.780 Panel-Machine Set-Up Man (paper goods) | | | | | | | | | | |
| *641.780 Envelope-Machine Set-Up Man (paper goods) | 394 | | | | 75 | 85 | | 80 | | |
| 653.780 Stitching-Machine Set-Up Man (print. & pub.) | | | | | | | | | | |
| 683.780 Heddles Tier, Jacquard Loom (narrow fabrics; textile) | | | | | | | | | | |
| 920.780 Labeling-Machine Set-Up Man (any ind.) | | | | | | | | | | |

## OAP-44—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| S (Spatial Aptitude) ---------- | 80 | 80 | 77 |
| P (Form Perception) ---------- | 85 | 81 | 76 |
| K (Motor Coordination) ------ | 90 | 84 | 78 |

| | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | G | V | N | S | P | Q | K | F | M |
| | | | | 80 | 85 | | 90 | | |
| WTG p. 447 TENDING | | | | | | | | | |
| *603.885 Burrer, Machine (clock & watch) | 152 | | | 85 | 90 | | 80 | 75 | |
| *606.885 Reamer (clock & watch.) | 152 | | | 85 | 90 | | 80 | 75 | |

## OAP–45

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| S (Spatial Aptitude) | 80 | 80 | 77 |
| Q (Clerical Perception) | 90 | 86 | 83 |
| F (Finger Dexterity) | 80 | 75 | 72 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | 80 | | 90 | | 80 | |
| **WTG p. 319 PRECISION WORKING** | | | | | | | | | | |
| *526.781 Baker (bake. prod.) | 85R | | | | 70 | | 80 | | 75 | |
| 685.781 Jacquard-Plate-Maker (knit goods) | | | | | | | | | | |
| 710.781 Thermostat Repairman (inst. & app.) | | | | | | | | | | |
| 820.781 Regulator Inspector (light, heat, & power) | | | | | | | | | | |
| **WTG p. 322 MANIPULATING** | | | | | | | | | | |
| *760.884# Bench Carpenter (any ind.) | 389 | | | | 75 | | 90 | | 75 | |
| 763.884 Furniture Assembler (furn.) | | | | | | | | | | |
| 977.884 Bookbinder (print. & pub.) | | | | | | | | | | |
| **WTG p. 360 HANDLING** | | | | | | | | | | |
| *724.887 Coil Finisher (elec. equip.; electronics) | 169 | | | | 80 | | 90 | | 80 | |
| **WTG p. 447 TENDING** | | | | | | | | | | |
| *643.885 Bindery Worker (print. & pub.) | 34R | | | | 70 | | 80 | 95 | 75 | |
| *649.885# Printed Napkin Machine Operator (paper goods) | 73 | | | | 90 | | 85 | 80 | 75 | |

# OAP–46

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| S (Spatial Aptitude) ---------- | 80 | 80 | 77 |
| K (Motor Coordination) ------ | 80 | 74 | 68 |
| M (Manual Dexterity) ------- | 80 | 74 | 71 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | 80 | | | 80 | | 80 |
| WTG p. 319 PRECISION WORKING | | | | | | | | | | |
| *845.781 Painter, Automobile (auto. ser.) | 402 | | | | 80 | | | 90 | | 80 |
| WTG p. 322 MANIPULATING | | | | | | | | | | |
| †389.884 Exterminator (any ind.) | 232 | | | | 85 | | | 75 | | 90 |
| *411.884 Farm Hand, Dairy (agric.) I | 416 | | | | 75 | | | 70 | | 75 |
| 502.884 Steel-Pourer Helper (iron & steel) | | | | | | | | | | |
| 514.884 Pourer, Metal (found.) | | | | | | | | | | |
| 522.884 Pickler (can. & preserv.) | | | | | | | | | | |
| 529.884 Ingredient Scaler (bake. prod.; dairy prod.) | | | | | | | | | | |
| *571.884 Rifter (minerals & earths) | 1 | | | | 85 | 75 | | 80 | | 75 |
| 638.884 Millwright Helper (any ind.) | | | | | | | | | | |
| 741.884 Painter, Spray (any ind.) I | | | | | | | | | | |
| 749.884 Finisher (wood box) | | | | | | | | | | |
| 771.884 Rock Splitter (stonework) | | | | | | | | | | |
| 800.884 Riveter, Aircraft (aircraft mfg.) | | | | | | | | | | |
| 801.884 Jig Fitter (mach. mfg.) | | | | | | | | | | |
| 801.884 Assembler (light, heat, & power) | | | | | | | | | | |
| 806.884 Rigger Helper (ship & boat bldg. & rep.) | | | | | | | | | | |
| 949.884 Second Loader (logging) | | | | | | | | | | |
| WTG p. 447 TENDING | | | | | | | | | | |
| 611.885 Forging-Press Operator (forging) II | | | | | | | | | | |
| 615.885 Shear Operator (any ind.) II | | | | | | | | | | |
| *660.885# Drawtwist Operator (woodworking) | PN | | | | 80 | | | 90 | | 90 |
| 914.885 Pumpman (any ind.) | | | | | | | | | | |
| 955.885 Sewage-Plant Attendant (sanitary ser.) | | | | | | | | | | |

## OAP-47

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| S (Spatial Aptitude) ---------- | 80 | 80 | 77 |
| F (Finger Dexterity) --------- | 80 | 75 | 72 |
| M (Manual Dexterity) -------- | 85 | 79 | 76 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | 80 | | | | 80 | 85 |
| WTG p. 271 INSPECTING AND STOCK CHECKING | | | | | | | | | | |
| *715.387 Wheel Inspector (clock & watch) | 150 | | | | 90 | | | | 85 | 85 |
| WTG p. 282 SORTING, INSPECTING, MEASURING AND RELATED WORK | | | | | | | | | | |
| *715.687# Inspector, Balance Wheel and Impulse Pin (clock & watch) | 150 | | | | 90 | | | | 85 | 85 |
| WTG p. 312 CRAFTSMANSHIP AND RELATED WORK | | | | | | | | | | |
| *639.281 Sewing-Machine Repairman (any ind.) | 319R | | | | 70 | | | | | 85 |
| *715.381# Hairspring Vibrator (clock & watch) | 150 | | | | 90 | | | | 85 | 85 |
| WTG p. 322 MANIPULATING | | | | | | | | | | |
| 620.884 Automobile-Mechanic Helper (auto. ser.) | | | | | | | | | | |
| 621.884 Reclamation Man (whole. tr.) | | | | | | | | | | |
| 706.884 Assembler, Product (mach. shop) | | | | | | | | | | |
| *706.884 Assembler, Small Parts (any ind.) | PN | | | | 75 | | | | 90 | 90 |
| 709.884 Assembler, Production Line (struct. & ornam. metalwork) II | | | | | | | | | | |
| 710.884 Assembler (inst. & app.) | | | | | | | | | | |
| **710.884 Gyroscope Assembler (inst. & app.) | 253 | | | | 80 | | | | 95 | 85 |
| 710.884 Instrument-Repairman Helper (any ind.) | | | | | | | | | | |
| *715.884# Balance Truer (clock & watch) II | 150 | | | | 90 | | | | 85 | 85 |
| 715.884 Pin Inserter, Regulator (clock & watch) | | | | | | | | | | |
| *715.884 Put-In-Beat Adjuster (clock & watch) | 150 | | | | 90 | | | | 85 | 85 |
| *721.884 Electric-Motor Winder (elec. equip.) | PN | | | | 90 | | | | | 85 |
| 732.884 Baseball Sewer, Hand (sports equip.) | | | | | | | | | | |
| 780.884 Mattress Maker (matt. & bedspring) | | | | | | | | | | |
| *780.884 Upholsterer (furn.) II | 57 | | | | 80 | | | 75 | 75 | 85 |
| *788.884 Hand Sewer, Shoes (boot & shoe) | 346 | | | | 80 | | | | 75 | 90 |
| *810.884 Welder, Arc (welding) | 211 | | | | 85 | | | | | 85 |
| *812.884 Welder, Combination (welding) | 126 | | | | 85 | | | | 85 | 80 |

## OAP-47—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| S (Spatial Aptitude) | 80 | 80 | 77 |
| F (Finger Dexterity) | 80 | 75 | 72 |
| M (Manual Dexterity) | 85 | 79 | 76 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | 80 | | | | 80 | 85 |
| **WTG p. 356 FEEDING-OFFBEARING** | | | | | | | | | | |
| **509.886 Laborer, General (iron & steel) | 247 | 65 | | | 75 | | | | | 75 |
| **WTG p. 360 HANDLING** | | | | | | | | | | |
| *715.887# Balance-Wheel-and-Impulse Pin Subassembler (clock & watch) | 150 | | | | 90 | | | | 85 | 85 |
| *715.887# Hairspring Solderer (clock & watch) | | | | | | | | | | |
| **WTG p. 430 SET UP AND/OR ALL-ROUND MACHINE OPERATING** | | | | | | | | | | |
| *920.280 Packaging-Machine Mechanic (drug prep. & rel. prod.) | 157R | | | | 70 | | | 80 | 90 | 100 |
| 920.380 Filling-Line Set-Up (any ind.) | | | | | | | | | | |
| **WTG p. 435 OPERATING-CONTROLLING** | | | | | | | | | | |
| *509.782# Rewind Operator (window shade & fix.) | 98 | | | | 80 | 80 | | | 85 | 85 |
| **613.782# Coil Opener (iron & steel) | 247 | 65 | | | 75 | | | | | 75 |
| *613.782 Cold-Mill Operator (iron & steel) | 98 | | | | 80 | 80 | | | 85 | 85 |
| *613.782 Hot-Mill Operator (nonferr. metal alloys) | 98 | | | | 80 | 80 | | | 85 | 85 |
| *615.782 Slitting Machine Operator (any ind.) II | 98 | | | | 80 | 80 | | | 85 | 85 |
| *684.782 Transfer Knitter (hosiery) | 125 | | | | 70 | | | | 90 | 75 |
| *689.782 Hosiery Looper (hosiery) | 119 | | | | 75 | | | | 85 | 75 |
| 692.782 Stacking Machine Operator (any ind.) I | | | | | | | | | | |
| *952.782 Power-Plant Operator (any ind.) I | 106 | | | | 85 | | | | 80 | 80 |

## OAP–47—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| S (Spatial Aptitude) | 80 | 80 | 77 |
| F (Finger Dexterity) | 80 | 75 | 72 |
| M (Manual Dexterity) | 85 | 79 | 76 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | 80 | | | | 80 | 85 |
| WTG p. 444 DRIVING-OPERATING | | | | | | | | | | |
| **921.883# Conveyor Man (iron & steel) II | 247 | 65 | | | 75 | | | | | 75 |
| **921.883# Cooling-Conveyor Operator (iron & steel) | 247 | 65 | | | 75 | | | | | 75 |
| **921.883# Tester-Conveyor Operator (iron & steel) | 247 | 65 | | | 75 | | | | | 75 |
| **921.883# Thread-Entry-Conveyor Operator (iron & steel) | 247 | 65 | | | 75 | | | | | 75 |
| **921.883# Yard-Transfer-Conveyor Operator (iron & steel) | 247 | 65 | | | 75 | | | | | 75 |
| WTG p. 447 TENDING | | | | | | | | | | |
| *503.885# Payoff Operator (window shade & fix.) | 98 | | | | 80 | 80 | | | 85 | 85 |
| *920.885 Packager, Machine (any ind.) | 434 | | | | 85 | | | | 70 | 95 |
| No WTG | | | | | | | | | | |
| †170-----<br>†172-----<br>Electromechanical Assembly Curriculum | 426 | | | 70 | 70 | | | | 70 | 80 |

# OAP–48

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| S (Spatial Aptitude) ---------- | 75 | 75 | 73 |
| P (Form Perception) ---------- | 75 | 70 | 66 |
| M (Manual Dexterity) -------- | 75 | 60 | 66 |

| | | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | G | V | N | S | P | Q | K | F | M |
| | | | | | | 75 | 75 | | | | 75 |
| WTG p. 282 | SORTING, INSPECTING, MEASURING AND RELATED WORK | | | | | | | | | | |
| 018.587 | Rodman (any ind.) | | | | | | | | | | |
| 078.687 | Laboratory Assistant, Plasma Drawing-Off (drug prep. & rel. prod.; medical ser.) | | | | | | | | | | |
| 209.687 | Address-Plate Inserter (clerical) | | | | | | | | | | |
| *669.687 | Veneer Matcher (veneer & plywood) | PN | | | | | 85 | | | | 80 |
| WTG p. 312 | CRAFTSMANSHIP AND RELATED WORK | | | | | | | | | | |
| *621.381 | Assembler, Aircraft Power Plant (aircraft mfg.) | 76R | | | | 70 | 70 | | | 80 | 90 |
| *801.381 | Aircraft Mechanic, Rigging and Controls (aircraft mfg.) | 76R | | | | 70 | 70 | | | 80 | 90 |
| *806.381 | Assembler, Aircraft Structures and Surfaces (aircraft mfg.) | 76R | | | | 70 | 70 | | | 80 | 90 |
| *862.381 | Aircraft Mechanic, Plumbing and Hydraulics (aircraft mfg.) | 76R | | | | 70 | 70 | | | 80 | 90 |
| WTG p. 322 | MANIPULATING | | | | | | | | | | |
| 316.884 | Butcher, Chicken and Fish (hotel & rest.) | | | | | | | | | | |
| *316.884 | Meat Cutter (ret. tr.; whole. tr.) | 349R | | | | 85 | 80 | | | | 85 |
| 525.884 | Boner, Meat (slaught. & meat pack.) | | | | | | | | | | |
| 525.884 | Meat Dresser (agric.) | | | | | | | | | | |
| 580.884 | Blocker, Hand (hat & cap) II | | | | | | | | | | |
| 630.884 | Fixture-Maintenance Man (any ind.) | | | | | | | | | | |
| *812.884 | Welder, Production Line (welding) | 447 | | | | | 70 | | | | 75 |
| *827.884# | Refrigerator Cabinet Installer (refrigerat. equip.) | PN | 80 | | | 75 | 75 | | | | 75 |
| WTG p. 356 | FEEDING-OFFBEARING | | | | | | | | | | |
| †689.886 | Spooler Operator, Automatic (textile) | 427 | | | | 65 | 65 | 85 | | | |

## OAP-48—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| S (Spatial Aptitude) | 75 | 75 | 73 |
| P (Form Perception) | 75 | 70 | 66 |
| M (Manual Dexterity) | 75 | 69 | 66 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | 75 | 75 | | | | 75 |
| **WTG p. 435 OPERATING-CONTROLLING** | | | | | | | | | | |
| *699.782 Die Cutter (any ind.) | 123 | | | | 75 | | | | | 80 |
| **WTG p. 447 TENDING** | | | | | | | | | | |
| *529.885 Wrapper Layer (tobacco) | 20 | | | | 75 | 85 | | | 85 | 80 |
| *529.885 Wrapper Layer and Examiner, Soft Work (tobacco) | 20 | | | | 75 | 85 | | | 85 | 80 |
| 640.885 Panel-Machine Operator (paper goods) | | | | | | | | | | |
| **640.885 Rewinder Operator (paper goods) | 429 | | | | 70 | 90 | | | | 80 |
| 641.885 Automatic-Machine Attendant (paper goods) | | | | | | | | | | |
| *641.885 Carton-Forming-Machine Operator (paper goods) I | 306 | | | | 80 | 70 | | | | 70 |
| *649.885 Bag-Machine Operator (paper goods) | 137 | | | | 80 | 70 | | | | 75 |
| 649.885 Machine Operator, General (paper goods) | | | | | | | | | | |
| *649.885 Waxed-Bag-Machine Operator (paper goods) | 137 | | | | 80 | 70 | | | | 75 |
| **WTG p. 479 CHILD AND ADULT CARE** | | | | | | | | | | |
| 355.878 Tray-Line Worker (medical ser.) | | | | | | | | | | |
| **WTG p. 503 MISCELLANEOUS CUSTOMER SERVICE WORK** | | | | | | | | | | |
| **317.877# Dietary Aide (hotel & rest.; medical ser.) | 436 | 70 | | | | 75 | | | | 70 |

# OAP–49

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| P (Form Perception) | 90 | 86 | 82 |
| F (Finger Dexterity) | 85 | 80 | 77 |
| M (Manual Dexterity) | 75 | 69 | 66 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | | 90 | | | 85 | 75 |
| **WTG p. 282 SORTING, INSPECTING, MEASURING, AND RELATED WORK** | | | | | | | | | | |
| 609.684 Inspector, General (any ind.) | | | | | | | | | | |
| *684.687 Pairer (hosiery) | 60 | | | | | 90 | | | 90 | 75 |
| 706.687 Inspector, Alining (typewriters & parts) | | | | | | | | | | |
| 709.687 Inspector, Wire Products (wirework) | | | | | | | | | | |
| 711.687 Lens Examiner (optical goods) | | | | | | | | | | |
| 720.684 Tester, Television Picture Tubes (electronics) | | | | | | | | | | |
| 725.487 Quality-Control Inspector (elec. equip.) | | | | | | | | | | |
| 729.684 Tester, Electrical Continuity (elec. equip.) | | | | | | | | | | |
| 920.687 Can Inspector (can & preserv.; malt liquors) | | | | | | | | | | |
| **WTG p. 322 MANIPULATING** | | | | | | | | | | |
| 431.884 Fisherman, Net (fish.) | | | | | | | | | | |
| 436.884 Hatchery Man (fish.) | | | | | | | | | | |
| 500.884 Matrix Worker (phonograph) | | | | | | | | | | |
| *814.884 Solderer, Production Line (welding) | 142 | | | | | 90 | | | 85 | 85 |
| **WTG p. 360 HANDLING** | | | | | | | | | | |
| *899.887# General Labor Worker (iron & steel) | 364 | | | | | 95 | | | 75 | 85 |
| *929.887 Take-Off Man (paper goods) | 84 | | | | | 95 | | | | 85 |

# OAP-50

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| P (Form Perception) ---------- | 85 | 81 | 76 |
| K (Motor Coordination) ------ | 85 | 79 | 73 |
| M (Manual Dexterity) -------- | 100 | 94 | 91 |

| | | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | G | V | N | S | P | Q | K | F | M |
| | | | | | | | 85 | | 85 | | 100 |
| **WTG p. 282** | **SORTING, INSPECTING, MEASURING, AND RELATED WORK** | | | | | | | | | | |
| *529.687 | Egg Candler (any ind.) | 118 | | | | | 80 | | 85 | | 100 |
| 579.684 | Inspector (conc. prod.) | | | | | | | | | | |
| 616.484 | Truer (spring) | | | | | | | | | | |
| 628.684 | Parts Inspector, Textile Machinery (textile) | | | | | | | | | | |
| 689.584 | Carpet Inspector, Finished (carpet & rug) | | | | | | | | | | |
| 709.684 | Assembly-Line Inspector (furn.) | | | | | | | | | | |
| 714.684 | Camera Inspector (photo. apparatus) | | | | | | | | | | |
| 750.687 | Tire Inspector (auto. ser.) | | | | | | | | | | |
| 769.687 | Inspector (woodworking) | | | | | | | | | | |
| 789.684 | Inspector (leather prod.) | | | | | | | | | | |
| 941.684 | Boom Man (logging) | | | | | | | | | | |
| **WTG p. 312** | **CRAFTSMANSHIP AND RELATED WORK** | | | | | | | | | | |
| *518.381# | Hand Rammer (found.) | 365 | | | | | 90 | | 85 | | 100 |
| *613.381 | Guide Setter (iron & steel) | 367 | | | | | 95 | | 80 | | 105 |
| **WTG p. 322** | **MANIPULATING** | | | | | | | | | | |
| *512.884# | Second Helper, Open-Hearth (iron & steel) | 356 | | | | | 95 | | 80 | | 90 |
| **WTG p. 360** | **HANDLING** | | | | | | | | | | |
| *519.887# | Knockout Man (found.) | 365 | | | | | 90 | | 85 | | 100 |
| *920.887# | Cereal Packer (cereal) | 127 | | | | | | | 95 | | 100 |

## OAP-50—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| P (Form Perception) ---------- | 85 | 81 | 76 |
| K (Motor Coordination) ------ | 85 | 79 | 73 |
| M (Manual Dexterity) ------- | 100 | 94 | 91 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | | 85 | | 85 | | 100 |
| WTG p. 435 OPERATING-CONTROLLING | | | | | | | | | | |
| *613.782 Screwdown Operator (iron & steel) | 367 | | | | | 95 | | 80 | | 105 |
| *613.782 Manipulator (iron & steel) | 367 | | | | | 95 | | 80 | | 105 |
| *976.782 Multiple-Photographic-Printer Operator (any ind.) | 86 | | | | | 85 | | 90 | | 100 |
| WTG p. 444 DRIVING-OPERATING | | | | | | | | | | |
| *518.883 Sand-Slinger Operator (found.) | 365 | | | | | 90 | | 85 | | 100 |
| WTG p. 447 TENDING | | | | | | | | | | |
| *234.885# Machine Operator, Mass Mailing (clerical) | 376 | | | | | 90 | | 95 | | 90 |
| *556.885 Record-Press Tender (phonograph) | 46 | | | | | 90 | | | | 100 |

# OAP-51

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| P (Form Perception) ---------- | 85 | 81 | 76 |
| K (Motor Coordination) ------ | 80 | 74 | 68 |
| M (Manual Dexterity) ------- | 80 | 74 | 71 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | | 85 | | 80 | | 80 |
| WTG p. 282 SORTING, INSPECTING, MEASURING, AND RELATED WORK | | | | | | | | | | |
| *649.687 Paper Sorter and Counter (paper & pulp) | 104 | | | | | 80 | | 90 | 75 | 80 |
| *689.684 Burler (carpet & rug; textile) | 75 | | | | | 85 | | 90 | 75 | 85 |
| WTG p. 319 PRECISION WORKING | | | | | | | | | | |
| *806.781 Outboard Motor Assembler (engine & turbine) | 13 | | | | | 80 | | 75 | 75 | 85 |
| *806.781 Gasoline Engine Assembler (engine & turbine) | 13 | | | | | 80 | | 75 | 75 | 85 |
| *806.781 Internal-Combustion-Engine Assembler (engine & turbine) | 13 | | | | | 80 | | 75 | 75 | 85 |
| WTG p. 322 MANIPULATING | | | | | | | | | | |
| 519.884 Mold Dresser (ore dress., smelt., & refin.) | | | | | | | | | | |
| 519.884 Tool Repairman (ore dress., smelt., & refin.) | | | | | | | | | | |
| 575.884 Caster (pottery & porc.) | | | | | | | | | | |
| 575.884 Molder, Hand (brick & tile) | | | | | | | | | | |
| 700.884 Filer (jewelry) | | | | | | | | | | |
| *700.884 Ring Maker (jewelry) III | 143 | | | | | 80 | | | | 75 |
| 704.884 Engraver, Machine (engraving) I | | | | | | | | | | |
| 705.884 Metal Finisher (any ind.) | | | | | | | | | | |
| *730.884 Mounter, Clarinets (musical inst.) | PN | | | | | 90 | | 90 | 85 | 85 |
| *737.884# Bomb-Fuse-Parts Assembler (ammunition) | 24 | | | | | 95 | | 85 | 80 | 80 |
| 737.884 Shell Assembler (ammunition) | | | | | | | | | | |
| *750.884 Tire Builder, Automobile (rubber tire & tube) | 267 | 85 | | | | 95 | | 80 | | 85 |
| 750.884 Tube Repairman (rubber tire & tube) | | | | | | | | | | |
| 751.884 Cutter, Hand (rubber goods) | | | | | | | | | | |
| 753.884 Repairer (rubber goods) | | | | | | | | | | |
| 759.884 Air-Bag Builder (rubber tire & tube) I | | | | | | | | | | |
| 774.884 Finisher (pottery & porc.) I | | | | | | | | | | |
| 775.884 Glass Finisher (glass prod.) | | | | | | | | | | |
| 781.884 Cutter, Machine (any ind.) I | | | | | | | | | | |
| 781.884 Spreader (any ind.) II | | | | | | | | | | |
| *782.884 Mender (textile) | 75 | | | | | 85 | | 90 | 75 | 85 |

## OAP-51—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| P (Form Perception) ---------- | 85 | 81 | 76 |
| K (Motor Coordination) ------ | 80 | 74 | 68 |
| M (Manual Dexterity) ------- | 80 | 74 | 71 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | | 85 | | 80 | | 80 |
| WTG p. 356 FEEDING-OFFBEARING | | | | | | | | | | |
| *529.886# Shrimp Picker (can. & preserv.) | 285 | | | | | | | 85 | | 85 |
| WTG p. 360 HANDLING | | | | | | | | | | |
| *794.887 Scrapper (paper goods) | 83 | | | | | 95 | | | | 85 |
| 949.887 Hewer (logging) | | | | | | | | | | |
| WTG p. 435 OPERATING-CONTROLLING | | | | | | | | | | |
| 518.782 Machine Molder (found.) | | | | | | | | | | |
| *683.782 Levers-Lace-Machine Operator (textile) | 405 | | | | | 85 | | 80 | | 90 |
| *690.782 Fancy Stitcher (boot & shoe) | 159 | | | | | 80 | | 80 | | 85 |
| 690.782 Cut Out Stitcher (boot & shoe) | | | | | | | | | | |
| 690.782 Embosser (leather mfg.; leather prod.) | | | | | | | | | | |
| 690.782 Trimmer (fabric., plastic prod.) | | | | | | | | | | |
| 690.782 Sawyer (fabric; plastics prod.; plastics mat.) | | | | | | | | | | |
| *690.782 Top Stitcher (boot & shoe) | 159 | | | | | 80 | | 80 | | 85 |
| *690.782 Vamp Stitcher (boot & shoe) | 159 | | | | | 80 | | 80 | | 85 |
| *691.782 Insulating-Machine Operator (insulated wire) | 308 | | | | | 80 | | 85 | | 80 |
| 810.782 Welder, Seam (welding) I | | | | | | | | | | |
| WTG p. 447 TENDING | | | | | | | | | | |
| *689.885# Balling-Machine Operator (textile) II | 295 | | | | | 80 | | 85 | | 80 |
| *691.885 Pairing-Machine Operator (insulated wire) | 308 | | | | | 80 | | 85 | | 80 |

## OAP-51—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| P (Form Perception) ---------- | 85 | 81 | 76 |
| K (Motor Coordination) ------ | 80 | 74 | 68 |
| M (Manual Dexterity) ------- | 80 | 74 | 71 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | | 85 | | 80 | | 80 |
| WTG p. 507 MISCELLANEOUS PERSONAL SERVICE WORK (FOOD SERVING, PORTERING, VALETING, AND RELATED ACTIVITIES) | | | | | | | | | | |
| *311.878 Countergirl (hotel & rest.) | 164 | | | | | 75 | | 75 | 75 | 75 |
| *311.878 Counterman, Lunchroom or Coffee Shop (hotel & rest.) | 164 | | | | | 85 | | 75 | 75 | 75 |

# OAP-52

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| P (Form Perception) | 80 | 76 | 71 |
| Q (Clerical Perception) | 90 | 86 | 83 |
| M (Manual Dexterity) | 80 | 74 | 71 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | | 80 | 90 | | | 80 |
| **WTG p. 271 INSPECTING AND STOCK CHECKING** | | | | | | | | | | |
| 724.384 Armature Tester (elec. equip.) I | | | | | | | | | | |
| 726.384 Inspector, Finishing (electronics) | | | | | | | | | | |
| 729.387 Inspector (elec. equip.) I | | | | | | | | | | |
| **WTG p. 282 SORTING, INSPECTING, MEASURING, AND RELATED WORK** | | | | | | | | | | |
| 222.587 Distributing Clerk (clerical) | | | | | | | | | | |
| 222.687 Receiving Checker (clerical) | | | | | | | | | | |
| 222.687 Shipping Checker (clerical) | | | | | | | | | | |
| 223.587 Laboratory Helper (clerical) | | | | | | | | | | |
| 223.687 Checker (clerical) I | | | | | | | | | | |
| **WTG p. 312 CRAFTSMANSHIP AND RELATED WORK** | | | | | | | | | | |
| *639.381 Vending-Machine Repairman (bus. ser.; coin mach.) | 403 | | | | | 85 | 85 | | | 90 |
| *809.381 Ornamental-Iron Worker (const.) | 280 | | | | 85 | 80 | 90 | | | 85 |
| **WTG p. 319 PRECISION WORKING** | | | | | | | | | | |
| *801.781 Structural-Steel Worker (const.) | 280 | | | | 85 | 80 | 90 | | | 85 |
| **WTG p. 322 MANIPULATING** | | | | | | | | | | |
| *590.884 Processor, Solid Propellant (explosives) | 279 | | | | | 70 | 80 | | | 85 |
| *712.884# Multi-Moulding Unit Operator (dental equip.) | 418 | | | | | 70 | 95 | | | 75 |
| *712.884# Heater Operator (dental equip.) | 418 | | | | | 70 | 95 | | | 75 |

## OAP-52—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| P (Form Perception) | 80 | 76 | 71 |
| Q (Clerical Perception) | 90 | 86 | 83 |
| M (Manual Dexterity) | 80 | 74 | 71 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | | 80 | 90 | | | 80 |
| **WTG p. 418 MATERIALS ANALYSIS AND RELATED WORK** | | | | | | | | | | |
| †199.381 Radiographer (any ind.) | 391 | | | | | 85 | 95 | | 80 | |
| **WTG p. 430 SET UP AND/OR ALL-ROUND OPERATING** | | | | | | | | | | |
| *616.380 Set-Up Man, Sheet Metal (any ind.) | 406 | | | | | 80 | 90 | | | 90 |
| **WTG p. 435 OPERATING-CONTROLLING** | | | | | | | | | | |
| *363.782 Pants-Presser (any ind.) | 409 | | | | | 80 | 95 | | | 85 |
| *504.782 Heat Treater (heat treat.) I | 401 | | | | | 80 | 90 | | | 70 |
| *504.782 Heat Treater (heat treat.) II | 401 | | | | | 80 | 90 | | | 70 |
| 512.782 Furnace Operator (found.; iron & steel) | | | | | | | | | | |
| *614.782 Wire Drawer (wire) | 214 | | | | | 85 | 95 | | | 80 |
| **WTG p. 477 NURSING, X-RAY AND RELATED SERVICES** | | | | | | | | | | |
| *079.368 Occupational Therapy Aid (medical ser.) | 272 | | 95 | | | 75 | 95 | | | 80 |

# OAP-53

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| P (Form Perception) ---------- | 80 | 76 | 71 |
| F (Finger Dexterity) ---------- | 80 | 75 | 72 |
| M (Manual Dexterity) -------- | 95 | 89 | 86 |

| | | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | G | V | N | S | P | Q | K | F | M |
| | | | | | | | 80 | | | 80 | 95 |
| WTG p. 322 | MANIPULATING | | | | | | | | | | |
| *723.884# | Assembler, Components (elec. equip.) | 191 | | | | | 80 | | | 85 | 100 |
| *725.884 | Grid Operator (electronics) | 117 | | | | | 90 | | | 85 | 100 |
| 754.884 | Assembler (fabric. plastics prod.) | | | | | | | | | | |
| *754.884 | Finisher, Hand (fabric. plastics prod.) | 246 | | | | | 90 | | | 80 | 95 |
| 762.884 | Assembler (wood box) | | | | | | | | | | |
| 769.884 | Repairman, Assembled Wood Products (woodworking) | | | | | | | | | | |
| 794.884 | Box Maker, Paperboard (any ind.) | | | | | | | | | | |
| 794.884 | Sample Maker, Hand (paper goods) | | | | | | | | | | |
| *809.884 | Insulation Blanket Maker (aircraft mfg.) | 110 | | | | | 75 | | | 75 | 85 |
| 809.884 | Template Maker, Track (any ind.) | | | | | | | | | | |
| 970.884 | Painter, Airbrush (any ind.) | | | | | | | | | | |
| 971.884 | Stager (print. & pub.) | | | | | | | | | | |
| 976.884 | Carbon Printer (print. & pub.) | | | | | | | | | | |
| 976.884 | Splicer (any ind.) | | | | | | | | | | |
| 979.884 | Engraver (print. & pub.) II | | | | | | | | | | |
| 979.884 | Silk-Screen Printer (any ind.) | | | | | | | | | | |

## OAP-54

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| P (Form Perception) | 75 | 70 | 66 |
| K (Motor Coordination) | 85 | 79 | 73 |
| F (Finger Dexterity) | 90 | 85 | 82 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | | 75 | | 85 | 90 | |
| **WTG p. 312 CRAFTSMANSHIP AND RELATED WORK** | | | | | | | | | | |
| *739.381 Experimental Assembler (any ind.) | 333 | | 85 | | | 75 | | 75 | 80 | |
| **WTG p. 322 MANIPULATING** | | | | | | | | | | |
| 749.884 Decorator (furn.) | | | | | | | | | | |
| **WTG p. 360 HANDLING** | | | | | | | | | | |
| 509.887 Porcelain Enamel Laborer (any ind.) | | | | | | | | | | |
| 726.887 Cleaner (electronics) | | | | | | | | | | |
| *726.887 Mounter (electronics) I | 8 | | | | | 85 | | 85 | 85 | 80 |
| 741.887 Striper Machine (any ind.) | | | | | | | | | | |
| 749.887 Crester (sports equip.) | | | | | | | | | | |
| 749.887 Masker (any ind.) | | | | | | | | | | |
| 749.887 Plasterer (furn.) | | | | | | | | | | |
| 920.887 Stenciler (any ind.) | | | | | | | | | | |
| **WTG p. 499 BEAUTICIAN AND BARBERING SERVICES** | | | | | | | | | | |
| *330.371 Barber (per. ser.) | 252 | | | | | 80 | | 85 | 90 | |
| 339.371 Electrologist (per. ser.) | | | | | | | | | | |

# OAP–55

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| P (Form Perception) | 75 | 70 | 66 |
| K (Motor Coordination) | 75 | 69 | 64 |
| M (Manual Dexterity) | 75 | 69 | 66 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | | 75 | | 75 | | 75 |
| **WTG p. 271 INSPECTING AND STOCK CHECKING** | | | | | | | | | | |
| *774.387# Inspector-Packer (pottery & porc.) | 258 | | | | | 75 | | 85 | | 75 |
| **WTG p. 282 SORTING, INSPECTING, MEASURING, AND RELATED WORK** | | | | | | | | | | |
| *369.687 Assembler (clean., dye., & press.; laund.) | 260 | | | | | | | 80 | | 80 |
| **WTG p. 312 CRAFTSMANSHIP AND RELATED WORK** | | | | | | | | | | |
| *866.381 Composition Roofer (const.) | 241 | | | | | 70 | | 70 | | 80 |
| **WTG p. 356 FEEDING-OFFBEARING** | | | | | | | | | | |
| 362.886 Dry-Cleaner Helper (clean., dye., & press.) | | | | | | | | | | |
| *363.886 Flatwork Catcher (laund.) | 260 | | | | | | | 80 | | 80 |
| *363.886 Flatwork Feeder (laund.) | 260 | | | | | | | 80 | | 80 |
| *363.886 Flatwork Finisher (laund.) | 260 | | | | | | | 80 | | 80 |
| *363.886 Flatwork Folder (laund.) | 260 | | | | | | | 80 | | 80 |
| 369.886 Folding-Machine Operator (laund.) | | | | | | | | | | |
| 681.886 Beamer Helper (textile) | | | | | | | | | | |
| **WTG p. 360 HANDLING** | | | | | | | | | | |
| *404.887 Lemon Picker (agric.) | 351 | | | | | 75 | | 70 | | 70 |
| 406.887 Nursery Worker (agric.) | | | | | | | | | | |
| 407.887 Laborer, Landscape (agric.) | | | | | | | | | | |
| 503.887 Sandblaster (any ind.) | | | | | | | | | | |
| *929.887 Trucker, Hand (any ind.) | 260 | | | | | | | 80 | | 80 |

## OAP-55—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| P (Form Perception) ---------- | 75 | 70 | 66 |
| K (Motor Coordination) ------ | 75 | 69 | 64 |
| M (Manual Dexterity) -------- | 75 | 69 | 66 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | | 75 | | 75 | | 75 |
| WTG p. 444 DRIVING-OPERATING | | | | | | | | | | |
| *921.883 Electric-Bridge-Crane Operator (any ind.) | PN | | | | | 80 | | 75 | | 80 |
| WTG p. 447 TENDING | | | | | | | | | | |
| 213.885 Sorting-Machine Operator (clerical) | | | | | | | | | | |
| 411.885 Milking-Machine Operator (agric.) | | | | | | | | | | |
| 503.885 Metal Cleaner, Immersion (any ind.) | | | | | | | | | | |
| 510.885 Mixer (iron & steel; nonferr. metal alloys) | | | | | | | | | | |
| 520.885 Blender (bake. prod.) | | | | | | | | | | |
| 521.885 Centrifuge Operator (can. & preserv.; oils & fats) | | | | | | | | | | |
| 523.885 Drier Tender (oils & fats) I | | | | | | | | | | |
| 530.885 Pulper (paper & pulp) | | | | | | | | | | |
| 539.885 Cooker Man (pulp & paper) | | | | | | | | | | |
| 550.885 Compounder (drug prep. & rel. prod.; soap) | | | | | | | | | | |
| 550.885 Millman (rubber goods; rubber reclaim.; rubber tire & tube) | | | | | | | | | | |
| 570.885 Mixer (glass mfg.) | | | | | | | | | | |
| 579.885 Laborer, Concrete-Mixing Plant (const.) | | | | | | | | | | |
| 581.885 Extractor Operator (any ind.) | | | | | | | | | | |
| 599.885 Painting-Machine Operator (any ind.) | | | | | | | | | | |
| 667.885 Band-Saw Operator (woodworking) I | | | | | | | | | | |
| 669.885 Power-Screwdriver Operator (any ind.) | | | | | | | | | | |
| 929.885 Bailing-Machine Operator (any ind.) | | | | | | | | | | |
| 951.885 Fireman, High Pressure (any ind.) | | | | | | | | | | |
| 952.885 Laborer, Power House (light, heat & power) | | | | | | | | | | |

# OAP–56

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| P (Form Perception) ---------- | 75 | 70 | 66 |
| F (Finger Dexterity) ---------- | 80 | 75 | 72 |
| M (Manual Dexterity) -------- | 80 | 74 | 71 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | | 75 | | | 80 | 80 |
| WTG p. 282 SORTING, INSPECTING, MEASURING, AND RELATED WORK | | | | | | | | | | |
| *529.687 Cherry Sorter (agric.; can. & preserv.; whole. tr.) | 116 | | | | | 70 | | | 70 | 70 |
| *529.687 Fruit Sorter (agric.; can. & preserv.; whole. tr.) | 116 | | | | | 70 | | | 70 | 70 |
| *529.687# Olive Sorter (agric.; can. & preserv.; whole. tr.) | 116 | | | | | 70 | | | 70 | 70 |
| *573.687 Tile Sorter (brick & tile) | 112 | | | | | 70 | | | 70 | 80 |
| WTG p. 322 MANIPULATING | | | | | | | | | | |
| 207.884 Duplicating-Machine Operator (clerical) I | 274 | | | | | | 70 | | 70 | 85 |
| **317.884# Food-Service Worker (hotel & rest.) II | | | | | | | | | | |
| 520.884 Bench Hand (bake prod.) | 79R | | | | | | | | 80 | 85 |
| *732.884 Fishing-Rod Assembler (sports equip.) | | | | | | | | | | |
| 732.884 Fishing-Rod Marker (sports equip.) | PN | | | | | 75 | | | 80 | 80 |
| *733.884 Paint Brush Maker (brush) | 112 | | | | | 70 | | | 70 | 80 |
| *773.884 Paster (brick & tile) | | | | | | | | | | |
| 773.884 Printer (pottery & porc.) | | | | | | | | | | |
| 782.884 Fabric Worker (aircraft mfg.) | | | | | | | | | | |
| WTG p. 356 FEEDING-OFFBEARING | | | | | | | | | | |
| *529.886# Peeling-and-Coring-Machine Operator (can. & preserv.) | 92 | | | | | | | | 75 | 75 |
| **689.886 Doffer (asbestos prod.; textile) | 337 | | | | | 70 | | | 60 | 65 |

## OAP-56—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| P (Form Perception) | 75 | 70 | 66 |
| F (Finger Dexterity) | 80 | 75 | 72 |
| M (Manual Dexterity) | 80 | 74 | 71 |

| | | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | G | V | N | S | P | Q | K | F | M |
| | | | | | | | 75 | | | 80 | 80 |
| WTG p. 360 | HANDLING | | | | | | | | | | |
| *521.887 | Egg Breaker (any ind.) | PN | | | | | | | | 75 | 80 |
| *521.887 | Nut Sorter (nut process.) | 96 | | | | | | | | 75 | 80 |
| *573.887# | Tile Placer (brick & tile) | 112 | | | | | 70 | | | 70 | 80 |
| *751.887# | Cementer, Life Rafts (rubber goods) | 94 | | | | | 75 | | | 80 | 70 |
| 794.887 | Bag Maker, Hand (paper goods) | | | | | | | | | | |
| 794.887 | Folder, Hand (paper goods) | | | | | | | | | | |
| *806.887 | Assembler, Automobile (auto mfg.) | 101 | | | | | 80 | | | 80 | 80 |
| *920.887 | Apple Packer (agric.; whole. tr.) | 116 | | | | | 70 | | | 70 | 70 |
| *920.887 | Cherry Packer (agric.; whole. tr.) | 116 | | | | | 70 | | | 70 | 70 |
| *920.887 | Citrus-Fruit Packer (agric.; whole. tr.) | 116 | | | | | 70 | | | 70 | 70 |
| *920.887# | Packer (agric.; whole. tr.) | 116 | | | | | 70 | | | 70 | 70 |
| 920.887 | Packer, Agricultural Produce (agric.; can. & preserv.; whole. tr.) | | | | | | | | | | |
| *920.887 | Pear Packer (agric.; whole. tr.) | 116 | | | | | 70 | | | 70 | 70 |
| *920.887 | Plum Packer (agric.; whole. tr.) | 116 | | | | | 70 | | | 70 | 70 |
| WTG p. 435 | OPERATING-CONTROLLING | | | | | | | | | | |
| 207.782 | Duplicating-Machine Operator (clerical) II | | | | | | | | | | |
| 207.782 | Mimeograph Operator (clerical) | | | | | | | | | | |
| *207.782 | Offset-Duplicating-Machine Operator (clerical) | 358 | | | | | 75 | | | 80 | 90 |
| 208.782 | Embossing-Machine Operator (clerical) I | | | | | | | | | | |
| *615.782 | Punch-Press Operator (any ind.) I | 44 | | | | | 75 | | | | 90 |
| *651.782 | Printer-Slotter Operator (paper goods) | 369 | | | | | 75 | | | 80 | 85 |
| *786.782 | Sewing-Machine Operator, Lingerie (garment) | 4 | | | | | 75 | | 75 | 80 | 75 |
| *786.782 | Sewing-Machine Operator, Men's Tailored Garments (garment) | 4 | | | | | 75 | | 75 | 80 | 75 |
| *786.782 | Sewing-Machine Operator, Regular Equipment (garment) | 4 | | | | | 75 | | 75 | 80 | 75 |
| *786.782 | Sewing-Machine Operator, Style Garments (garment) | 4 | | | | | 75 | | 75 | 80 | 75 |
| *787.782 | Glove Sewer (glove & mit.) | 4 | | | | | 75 | | 75 | 80 | 75 |
| *787.782 | Sewing-Machine Operator, Regular Equipment (any ind.) | 4 | | | | | 75 | | 75 | 80 | 75 |
| *787.782 | Straw-Hat-Machine Operator (hat & cap) | 4 | | | | | 75 | | 75 | 80 | 75 |

## OAP–56—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| P (Form Perception) | 75 | 70 | 66 |
| F (Finger Dexterity) | 80 | 75 | 72 |
| M (Manual Dexterity) | 80 | 74 | 71 |

| | S# | APTITUDE SCORES G | V | N | S | P | Q | K | F | M |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 75 | | | 80 | 80 |
| **WTG p. 447 TENDING** | | | | | | | | | | |
| 549.885 Acetylene-Plant Operator (comp. & liquefied gases) | | | | | | | | | | |
| 559.885 Hydrator Operator (chem.; lime; mining & quarrying) | | | | | | | | | | |
| †559.885 Pressman (rubber goods; rubber tire & tube) | 17R | | | | | 80 | | | | 85 |
| *559.885# Pressman, O-Rings (rubber goods) | 17R | | | | | 80 | | | | 85 |
| *684.885 Seamless-Hosiery Knitter (hosiery) | 130 | | | | | 75 | | | 70 | 75 |
| *685.885 Tricot-Knitting-Machine Operator (knit goods) | 442 | | | | | 70 | | | 70 | 85 |
| *920.885 Candy-Wrapping-Machine Operator (confection.) | 99 | | | | | 75 | | | 90 | 80 |
| **WTG p. 503 MISCELLANEOUS CUSTOMER SERVICE WORK** | | | | | | | | | | |
| 319.874 Caterer Helper (per. ser.) | | | | | | | | | | |
| **WTG p. 507 MISCELLANEOUS PERSONAL SERVICE WORK (FOOD SERVING, PORTERING, VALETING, AND RELATED ACTIVITIES)** | | | | | | | | | | |
| 311.878 Bus Boy (hotel & rest.) | | | | | | | | | | |
| 311.878 Floor Girl, Cafeteria (hotel & rest.) | | | | | | | | | | |
| *319.878 Fountain Girl (hotel & rest.) | 311 | | | | | 75 | | | 85 | 85 |

## OAP-57

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| Q (Clerical Perception) ------- | 95 | 91 | 87 |
| K (Motor Coordination) ------ | 95 | 89 | 83 |
| M (Manual Dexterity) ------- | 85 | 79 | 76 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | | | 95 | 95 | | 85 |
| **WTG p. 274 TYPESETTING, REPRODUCING AND RELATED MACHINE WORK** | | | | | | | | | | |
| 213.382 Card-Tape-Converter Operator (clerical) | | | | | | | | | | |
| 213.382 Computer-Peripheral-Equipment Operator (clerical) | | | | | | | | | | |
| 234.582 Addressing-Machine Operator (clerical) | | | | | | | | | | |
| 236.382 Telefax Clerk (tel. & tel.) | | | | | | | | | | |
| **WTG p. 282 SORTING, INSPECTING, MEASURING, AND RELATED WORK** | | | | | | | | | | |
| 222.687 Sorter (any ind.) | | | | | | | | | | |
| *684.684 Stocking Inspector (hosiery) | 65 | | | | | | 90 | 90 | | 85 |
| *759.687 Molded-Goods Inspector-Trimmer (rubber goods) | 443 | | | | | | 90 | 85 | | 85 |
| *859.687# Ticket Examiner (print. & pub.) | PN | | | | | | 90 | 85 | | 95 |
| **WTG p. 287 TYPING AND RELATED RECORDING** | | | | | | | | | | |
| 203.588 Wires-Transfer Clerk (banking) | | | | | | | | | | |
| 209.588 Addresser (clerical) | | | | | | | | | | |
| *209.588# Encoder (banking) | 309 | | | | | | 95 | 105 | | 85 |
| **WTG p. 289 ROUTING CHECKING AND RECORDING** | | | | | | | | | | |
| 223.588 Tallyman (clerical) | | | | | | | | | | |
| **WTG p. 360 HANDLING** | | | | | | | | | | |
| *712.887# Carder (dental equip.) | 411 | | | | | | 105 | 95 | | 85 |
| *712.887# Assembler (dental equip.) | 411 | | | | | | 105 | 95 | | 85 |

## OAP–57—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| Q (Clerical Perception) ------- | 95 | 91 | 87 |
| K (Motor Coordination) ------ | 95 | 89 | 83 |
| M (Manual Dexterity) ------- | 85 | 79 | 76 |

**WTG p. 479 CHILD AND ADULT CARE**
*355.878 Cottage Parent (medical ser.)

| S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | G | V | N | S | P | Q | K | F | M |
| | | | | | | 95 | 95 | | 85 |
| 388 | | | | | | | 95 | | 85 |

# OAP-58

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| Q (Clerical Perception) ------- | 95 | 91 | 87 |
| K (Motor Coordination) ------ | 90 | 84 | 78 |
| F (Finger Dexterity) --------- | 75 | 70 | 67 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | | | 95 | 90 | 75 | |
| **WTG p. 271 INSPECTING AND STOCK CHECKING** | | | | | | | | | | |
| 074.387 Pharmacy Helper (medical ser.) | | | | | | | | | | |
| 249.387 Watch-and-Clock-Repair Clerk (ret. tr.) | | | | | | | | | | |
| 579.387 Quality-Control Inspector (glass mfg.) | | | | | | | | | | |
| 649.387 Inspector, Paper Products (paper goods) | | | | | | | | | | |
| 710.384 Meter Inspector (light, heat, & power) | | | | | | | | | | |
| 710.384 Salvage Man (inst. & app.) | | | | | | | | | | |
| 821.384 Tampering Inspector (light, heat, & power) | | | | | | | | | | |
| **WTG p. 276 CLASSIFYING, FILING AND RELATED WORK** | | | | | | | | | | |
| †219.388 IBM Coder (clerical) | 31 | | | | | | 100 | 100 | | |
| **WTG p. 280 COMPUTING AND RELATED RECORDING** | | | | | | | | | | |
| *210.388 Audit Clerk (clerical) | 199 | | | | | | 105 | 100 | 80 | |
| **WTG p. 289 ROUTINE CHECKING AND RECORDING** | | | | | | | | | | |
| †209.688 Checker (clerical) II | 31 | | | | | | 100 | 100 | | |
| †209.688 Sorter (clerical) | 31 | | | | | | 100 | 100 | | |
| †231.588# Letter-Opener Operator (clerical) | 31 | | | | | | 100 | 100 | | |
| †231.588 Mail Clerk (clerical) | 31 | | | | | | 100 | 100 | | |

## OAP-58—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| Q (Clerical Perception) ------- | 95 | 91 | 87 |
| K (Motor Coordination) ------ | 90 | 84 | 78 |
| F (Finger Dexterity) --------- | 75 | 70 | 67 |

| S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | G | V | N | S | P | Q | K | F | M |
| | | | | | | 95 | 90 | 75 | |
| **WTG p. 360 HANDLING** | | | | | | | | | |
| †230.887# Inserter (clerical) | 31 | | | | | 100 | 100 | | |
| *729.887# Assembler, Accessories (elec. equip.) | 414 | | | | | 100 | 100 | 80 | |
| †922.887 Order Filler (any ind.) | 182 | | | | | 95 | 80 | 85 | |
| 922.887 Laborer Stores (any ind.) | | | | | | | | | |
| 922.887 Returned-Goods Sorter (textile) | | | | | | | | | |

## OAP-59

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| Q (Clerical Perception) | 90 | 86 | 83 |
| F (Finger Dexterity) | 80 | 75 | 72 |
| M (Manual Dexterity) | 85 | 79 | 76 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | | | 90 | | 80 | 85 |
| **WTG p. 271 INSPECTING AND STOCK CHECKING** | | | | | | | | | | |
| †726.384 Inspector, Subassemblies (electronics) | 230 | | | | | | 85 | | 85 | 105 |
| **WTG p. 282 SORTING, INSPECTING, MEASURING, AND RELATED WORK** | | | | | | | | | | |
| *920.687 Linen-Supply Load-Builder (laund.) | 292 | | | | | | 90 | | | 80 |
| **WTG p. 319 PRECISION WORKING** | | | | | | | | | | |
| 724.781 Coil Winder, Repair (any ind.) | | | | | | | | | | |
| 724.781 Transformer-Coil Winder (light, heat, & power) | | | | | | | | | | |
| **WTG p. 322 MANIPULATING** | | | | | | | | | | |
| 720.884 Aliner (electronics) | | | | | | | | | | |
| 724.884 Coil Taper, Hand (elec. equip.) | | | | | | | | | | |
| *724.884 Coil Winder (elec. equip.) II | 220 | | | | | 80 | 90 | | 85 | 85 |
| 726.884 Grid Assembler (electronics) | | | | | | | | | | |
| 726.884 Printed-Circuit Assembler (electronics) | | | | | | | | | | |
| **WTG p. 447 TENDING** | | | | | | | | | | |
| 199.885 Decontamination Man (any ind.) | | | | | | | | | | |
| 217.885 Bursting-Machine Operator (clerical) | | | | | | | | | | |
| *920.885# Napkin Packager (paper goods) | 372 | | | | | | 85 | | 90 | 90 |

# OAP–60

## GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| Q (Clerical Perception) ------- | 85 | 82 | 78 |
| K (Motor Coordination) ------ | 80 | 74 | 68 |
| M (Manual Dexterity) ------- | 90 | 84 | 81 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | | | 85 | 80 | | 90 |
| **WTG p. 319 PRECISION WORKING** | | | | | | | | | | |
| *363.781 Silk Finisher (clean., dye., & press.) | 138 | | | | | | 80 | 80 | 75 | 90 |
| **WTG p. 322 MANIPULATING** | | | | | | | | | | |
| *363.884 Presser, Hand (any ind.) | 138 | | | | | | 80 | 80 | 75 | 90 |
| **WTG p. 360 HANDLING** | | | | | | | | | | |
| 362.887 Steamer (clean., dye., & press.) | | | | | | | | | | |
| †753.887# Assembler (rubber goods) II | 226 | | | | | | 75 | 75 | | 85 |
| 753.887 Fitter-Placer (rubber goods) | | | | | | | | | | |
| 759.887 Assembly Prepareman (rubber goods) | | | | | | | | | | |
| †920.887# Packer (glass mfg.) | 192 | | | | | | 75 | 80 | | 100 |
| **WTG p. 435 OPERATING-CONTROLLING** | | | | | | | | | | |
| *557.782 Extruder Operator (fabric. plastics prod.: plastics mat.) | 221 | | | | | | 90 | 85 | | 100 |
| 557.782 Extrusion-Press Set-Up Man (elec. equip.) | | | | | | | | | | |
| 557.782 Wink-Cutter Operator (rubber goods) | | | | | | | | | | |
| 640.782 Spiral-Tube Winder (paper & pulp; paper goods) | | | | | | | | | | |
| *643.782 Corrugator Operator (paper goods) | 395 | | | | | | 75 | 70 | | 85 |

## OAP–61

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| K (Motor Coordination) ------ | 90 | 84 | 78 |
| F (Finger Dexterity ---------- | 85 | 80 | 77 |
| M (Manual Dexterity) ------- | 90 | 84 | 81 |

| | | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | G | V | N | S | P | Q | K | F | M |
| | | | | | | | | | 90 | 85 | 90 |
| WTG p. 282 | SORTING, INSPECTING, MEASURING, AND RELATED WORK | | | | | | | | | | |
| *224.487 | Weigher (clerical) II | 95 | | | | | | | | 85 | 80 |
| *529.687 | Asparagus Sorter (agric., can. & preserv.; whole. tr.) | 374 | | | | | | | 95 | | 95 |
| *715.687 | Final Inspector, Movement Assembly (clock & watch) | 149 | | | | | | | 95 | 85 | 90 |
| *715.687 | Inspector, Casing (clock & watch) | 149 | | | | | | | 95 | 85 | 90 |
| WTG p. 322 | MANIPULATING | | | | | | | | | | |
| *713.884# | Goggle Glass Cutter (optical goods) | 148 | | | | | | | 90 | 85 | |
| *713.884# | Lens Cutter (optical goods) II | 148 | | | | | | | 90 | 85 | |
| *715.884 | Caser (clock & watch) | 149 | | | | | | | 95 | 85 | 90 |
| *715.884 | Dialer (clock & watch) | 149 | | | | | | | 95 | 85 | 90 |
| *715.884 | Hands Assembler (clock & watch) | 149 | | | | | | | 95 | 85 | 90 |
| †720.884# | Radio-Receiver Assembler (electronics) | 155 | | | | | | | 95 | 75 | 80 |
| *721.884 | Electric-Motor Assembler (elec. equip.) | 21 | | | | | | | 90 | 80 | 80 |
| *722.884# | Assembler, Radiosonde (electronics) | 81 | | | | | | | 85 | 80 | 85 |
| †725.884# | Assembler, Microwave Tube (electronics) | 392 | 75 | | | | | | 100 | 90 | 80 |
| 725.884 | Tube Assembler (electronics) | | | | | | | | | | |
| *731.884# | Assembler (toys & games) | 134 | | | | | | | 80 | 90 | 100 |
| *731.884# | Model Airplane Assembler (toys & games) | 134 | | | | | | | 80 | 90 | 100 |
| *731.884# | Toy-Train Assembler (toys & games) | 134 | | | | | | | 80 | 90 | 100 |
| 733.884 | Assembler (office mach.) | | | | | | | | | | |
| 734.884 | Assembler (tex. prod., n.e.c.) | | | | | | | | | | |
| *739.884 | Case Coverer (jewelry cases; leather prod.) | 174 | | | | 80 | | | 90 | 90 | 95 |
| *739.884 | Case Liner (jewelry cases; leather prod.) | 174 | | | | 80 | | | 90 | 90 | 95 |
| 739.884 | Hair Worker (hairwork) | | | | | | | | | | |
| *739.884# | Metal-Chair Assembler (furn.) | 194 | | | | | | | 80 | 80 | 90 |
| *739.884 | Venetian-Blind Assembler (window shade & fix.) | 187 | | | | | | | 85 | 85 | 85 |
| *774.884# | Stacker (pottery & porc.) | 268 | | | | | | | 85 | 90 | |
| *782.884 | Embroiderer, Hand (garment; hosiery; knit goods; trim. & stamp. art goods) | PN | | | | | 85 | | 85 | 80 | 85 |
| 789.884 | Trimming-Machine Operator (any ind.) | | | | | | | | | | |

## OAP-61—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| K (Motor Coordination) ------ | 90 | 84 | 78 |
| F (Finger Dexterity ---------- | 85 | 80 | 77 |
| M (Manual Dexterity) ------- | 90 | 84 | 81 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | | | | 90 | 85 | 90 |
| **WTG p. 356 FEEDING-OFFBEARING** | | | | | | | | | | |
| 525.886 Casing Cleaner (slaught. & meat pack.) | | | | | | | | | | |
| 529.886 General Helper (choc. & cocoa) | | | | | | | | | | |
| 529.886 Laborer, Cheesemaking (dairy prod.) | | | | | | | | | | |
| **WTG p. 360 HANDLING** | | | | | | | | | | |
| *529.887 Casing Tier (slaught. & meat pack.) | 35 | | | | | | | 90 | 80 | 80 |
| *529.887 Skin Peeler (slaught. & meat pack.) | 35 | | | | | | | 90 | 80 | 80 |
| 713.887 Blocker (optical goods) | | | | | | | | | | |
| *715.887# Liner-and-Gasket Inserter (clock & watch) | 149 | | | | | | | 95 | 85 | 90 |
| *715.887# Lint Remover (clock & watch) | 149 | | | | | | | 95 | 85 | 90 |
| *715.887# Sweep-Spring Attacher (clock & watch) | 149 | | | | | | | 95 | 85 | 90 |
| *737.887 Fireworks Assembler (fireworks) | 52 | | | | | | | | 95 | 95 |
| 740.887 Painter, Brush (any ind.) | | | | | | | | | | |
| 754.887 Laborer, General (fabric. plastics prod.) | | | | | | | | | | |
| 762.887 Glueman (woodworking) | | | | | | | | | | |
| *788.887 Cementer, Hand (boot & shoe) | 147 | | | | | | | 80 | 85 | 85 |
| *920.887# Bagger (agric.; whole. tr.) | 95 | | | | | | | | 85 | 80 |
| *920.887# Bag Sealer (agric.; whole. tr.) | 95 | | | | | | | | 85 | 80 |
| *920.887# Cheese Wrapper and Packer (dairy prod.) | 16 | | | | | | | 90 | 85 | 90 |
| *920.887 Packer, Sausage and Weiner (slaught. & meat pack.) | 35 | | | | | | | 90 | 80 | 80 |
| *920.887 Scaler, Sliced Bacon (slaught. & meat pack.) | 35 | | | | | | | 90 | 80 | 80 |
| *920.887# Table Worker (drug prep. & rel. prod.) | 28 | | | | | | | 95 | 90 | 90 |
| *920.887# Tamale Packer (slaught. & meat pack.) | 35 | | | | | | | 90 | 80 | 80 |
| **WTG p. 435 OPERATING-CONTROLLING** | | | | | | | | | | |
| *787.782 Seamer (hosiery) | 78 | | | | | 80 | | 90 | 80 | 80 |

## OAP-61—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| K (Motor Coordination) ------ | 90 | 84 | 78 |
| F (Finger Dexterity ---------- | 85 | 80 | 77 |
| M (Manual Dexterity) ------- | 90 | 84 | 81 |

| | | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | G | V | N | S | P | Q | K | F | M |
| | | | | | | | | | 90 | 85 | 90 |
| WTG p. 447 | TENDING | | | | | | | | | | |
| •525.885# | Meat Packaging Occupations, Selected (slaught. & meat pack.) | 35 | | | | | | | 90 | 80 | 80 |
| 529.885 | Washer, Agricultural Produce (agric.; can. & preserv.; (whole. tr.) | | | | | | | | | | |
| 617.885 | Punch Press Operator (any ind.) II | | | | | | | | | | |
| •619.885# | Machine Attendant (hardware) | 233 | | | | | | | 90 | 85 | 95 |
| 669.885 | Nailing-Machine Operator, Automatic (any ind.) | | | | | | | | | | |
| •692.885 | Light-Bulb Assembler (elec. equip.) | 56 | | | | | | | 90 | 95 | 90 |
| 692.885 | Stapling-Machine Operator (any ind.) | | | | | | | | | | |
| •723.885# | Appliance-Cord Assembler (elec. equip.) | 244 | | | | | | | 90 | 85 | 100 |
| 813.885 | Welder, Resistance Machine (welding) | | | | | | | | | | |
| •920.885# | Packager, Solutions and Syringes (drug prep. & rel. prod.) | 3 | | | | | | | 95 | 80 | 80 |

## OAP–62

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| K (Motor Coordination) ------ | 80 | 74 | 68 |
| F (Finger Dexterity) -------- | 75 | 70 | 67 |
| M (Manual Dexterity) ------- | 75 | 69 | 66 |

| | | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | G | V | N | S | P | Q | K | F | M |
| | | | | | | | | | 80 | 75 | 75 |
| WTG p. 322 | MANIPULATING | | | | | | | | | | |
| *706.884# | Luggage-Hardware Assembler (hardware) | 136 | | | | | | | 80 | 85 | 80 |
| *723.884 | Electric-Fan Assembler (elec. equip.) | PN | | | | 70 | | | 80 | 75 | 80 |
| *726.884 | Crystal Finisher (electronics) | PN | | | | | | | 80 | 80 | |
| VTG p. 356 | FEEDING-OFFBEARING | | | | | | | | | | |
| 500.886 | Laborer, Electroplating (electroplating) | | | | | | | | | | |
| 521.886 | Flumer (corn prod.) | | | | | | | | | | |
| *529.886 | Cannery Worker (can. & preserv.) | 122 | | | | | | | 85 | 75 | 80 |
| *529.886# | Cutter, Machine (can. & preserv.) | 121 | | | | | | | 75 | 75 | 75 |
| *529.886# | Corn-Cutting-Machine Operator (can. & preserv.) | 121 | | | | | | | 75 | 75 | 75 |
| *529.886# | Corn-Husking-Machine Operator (can. & preserv.) | 121 | | | | | | | 75 | 75 | 75 |
| *529.886 | Sorter (can. & preserv.) | 122 | | | | | | | 85 | 75 | 80 |
| *529.886 | Trimmer (can. & preserv.) | 122 | | | | | | | 85 | 75 | 80 |
| *529.886# | Onion Corer (can. & preserv.) | 269 | | | | | | | 85 | 80 | 80 |
| 553.886 | Bone-Char Operator (bone, carbon & lamp black; grain & feedmill) | | | | | | | | | | |
| 582.886 | Raw-Stock Tubman (textile) | | | | | | | | | | |
| 619.886 | Forge Helper (forging) | | | | | | | | | | |
| 669.886 | Chainman (plan. mill; sawmill) | | | | | | | | | | |
| *683.886 | Battery Loader (textile) | 248 | | | | | | | 80 | 70 | 75 |
| 692.886 | Groover (any ind.) | | | | | | | | | | |
| *819.886 | Spot-Welder Feeder (welding) | 89 | | | | | | | 80 | 85 | 75 |
| 953.886 | Laborer, Gas Plant (light, heat, & power) | | | | | | | | | | |

## OAP–62—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| K (Motor Coordination) ------ | 80 | 74 | 68 |
| F (Finger Dexterity) -------- | 75 | 70 | 67 |
| M (Manual Dexterity) ------- | 75 | 69 | 66 |

| | | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | G | V | N | S | P | Q | K | F | M |
| | | | | | | | | | 80 | 75 | 75 |
| WTG p. 360 | HANDLING | | | | | | | | | | |
| 318.887 | Kitchen Helper (hotel & rest.) | | | | | | | | | | |
| 519.887 | Foundry Worker, General (found.) | | | | | | | | | | |
| 519.887 | Laborer, General (ore dress., smelt., & refin.) | | | | | | | | | | |
| *521.887 | Stemmer, Hand (tobacco) | 62 | | | | | | | | 80 | 65 |
| *525.887 | Poultry-Dressing Worker (slaught. & meat pack.) | 26 | | | | | | | | 80 | 80 |
| *529.887# | Cutter, Hand (can. & preserv.) | 122 | | | | | | | 85 | 75 | 80 |
| 529.887 | General Helper (oils & fats) | | | | | | | | | | |
| 551.887 | Laborer, Cook House (glue) | | | | | | | | | | |
| 652.887 | Plater Girl (paper & pulp) | | | | | | | | | | |
| 709.887 | Cleaner and Polisher (any ind.) | | | | | | | | | | |
| *725.887# | Threader (electronics) | 27 | | | | | | | 75 | 85 | 80 |
| *727.887 | Assembler, Dry Cell and Battery (elec. equip.) | 66 | | | | | | | 80 | 80 | 80 |
| *789.887 | Garment Folder (garment; knit goods) | 63 | | | | | 75 | | 80 | 80 | 80 |
| 821.887 | Groundman (light, heat, & power; tel. & tel.) | | | | | | | | | | |
| 850.887 | Laborer, Road (const.) | | | | | | | | | | |
| *920.887 | Candy Packer (confection) | 193 | | | | | | | 80 | 80 | 85 |
| WTG p. 435 | OPERATING-CONTROLLING | | | | | | | | | | |
| *363.782 | Presser, Machine (any ind.) | 146 | | | | | | | 80 | 70 | 80 |

## OAP–62—Continued

### GATB NORMS

| APTITUDES | CUTTING SCORES | | |
|---|---|---|---|
| | *Adult* | *Grade 10* | *Grade 9* |
| K (Motor Coordination) ------ | 80 | 74 | 68 |
| F (Finger Dexterity) -------- | 75 | 70 | 67 |
| M (Manual Dexterity) ------- | 75 | 69 | 66 |

| | S# | APTITUDE SCORES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | G | V | N | S | P | Q | K | F | M |
| | | | | | | | | 80 | 75 | 75 |
| **WTG p. 447 TENDING** | | | | | | | | | | |
| 361.885 Laundryman (any ind.) II | | | | | | | | | | |
| 361.885 Washer, Machine (laund.) | | | | | | | | | | |
| 363.885 Press Operator (laund.) | | | | | | | | | | |
| *521.885 Stemmer, Machine (tobacco) | 67 | | | | | | | 80 | 70 | 70 |
| 521.885 Utility Man (grain & feed mill) | | | | | | | | | | |
| *556.885 Compression-Molding-Machine Tender (fabric. plastics prod.) | 218 | | | | | | | 75 | 85 | 85 |
| †589.885 Boarding-Machine Operator (hosiery) | 41 | | | | | | | 75 | 70 | 85 |
| *660.885# Slubber Tender (woodworking) | PN | | | | | | | 70 | 75 | 75 |
| †680.885 Card Tender (asbestos prod.; textile) | 338 | | | | | | | 70 | | 70 |
| **681.885 Yarn Winder (any ind.) | 360 | | | | | | | 80 | 70 | 95 |
| *682.885 Spinner, Ring Frame (textile) | 53 | | | | | 70 | | 80 | 75 | 85 |
| *689.885 Braiding-Machine Operator (asbestos prod.; narrow fabrics) | 216 | | | | | | | 70 | 75 | 80 |
| *692.885# Baser (elec. equip.) | 27 | | | | | | | 75 | 85 | 80 |
| *920.885 Container-Maker-Filler-Packer Operator (any ind.) | 242 | | | | | | | 90 | 75 | 75 |
| **WTG p. 503 MISCELLANEOUS CUSTOMER SERVICE WORK** | | | | | | | | | | |
| 369.877 Launderette Attendant (clean., dye., & press.; laund.) | | | | | | | | | | |
| **WTG p. 507 MISCELLANEOUS PERSONAL SERVICE WORK (FOOD SERVING, PORTERING, VALETING, AND RELATED WORK)** | | | | | | | | | | |
| 324.878 Baggage Porter (hotel & rest.) | | | | | | | | | | |
| 388.868 Elevator Operator (any ind.) | | | | | | | | | | |
| 915.878 Parking-Lot Attendant (auto. ser.) | | | | | | | | | | |

# 7. Important Researched Jobs Not Incorporated into OAP Structure

| | | S# | APTITUDE SCORES* | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | G | V | N | S | P | Q | K | F | M |
| 079.128 | Occupational Therapist (medical ser.) | 352R | | 110 | 90 | | 95 | | | | |
| 079.368 | Inhalation Therapist (medical ser.) | 326R | | 100 | | 85 | | 90 | | | |
| 379.168 | Fish-And-Game Warden (gov. ser.) | 263 | | 90 | | 85 | | 85 | 70 | | |
| 637.281 | Gas Serviceman (light, heat, & power) | 208 | 90 | | 80 | | 70 | | | | |
| 638.281 | Maintenance Mechanic (any ind.) II | 439 | | 85 | | | 80 | 80 | | | |
| 899.381 | Maintenance Man, Building (any ind.) | 350 | 70 | 70 | 75 | | | | | | |

* These are adult aptitude scores. See page 11 for tables which permit conversions to appropriate norms for 9th and 10th grades.

# 8. Alphabetical Index of Occupations


| DOT title and code | OAP No. |
|---|---|
| Accountant, 160.188, S–114 | 4 |
| Acetylene-Plant Operator, 549.885 | 56 |
| Actuarial Clerk, 219.388 | 14 |
| Actuary, 020.188 | 1 |
| Adding-Machine Operator, 216.488 | 33 |
| Adding-Machine Serviceman, 633.281, S–234 | 42 |
| Addresser, 209.588 | 57 |
| Addressing-Machine Operator, 234.582 | 57 |
| Address-Plate Inserter, 209.687 | 48 |
| Advertising-Space Measurer, 219.488 | 23 |
| Aeronautical Engineer 002.081 | 1 |
| Air-Bag Builder I, 759.884 | 51 |
| Air-Conditioning-Unit Installer, 827.884, S–102 | 21 |
| Aircraft-and-Engine Mechanic, 621.281, S–111R | 35 |
| Aircraft Mechanic, Armament, 801.381, S–69R | 38 |
| Aircraft Mechanic, Plumbing and Hydraulics, 862.381, S–76R | 48 |
| Aircraft Mechanic, Rigging and Controls, 801.381, S–76R | 48 |
| Airline-Radio Operator, 193.282 | 8 |
| Airplane Stewardess, 352.878, S–433 | 11 |
| Airplane Stewardess, Chief, 166.228 | 11 |
| Air-Traffic-Control Specialist, Tower, 193.168, S–256 | 2 |
| Aliner, 720.884 | 59 |
| Animal Breeder, 419.181 | 26 |
| Animal Caretaker, 356.874 | 21 |
| Apple Packer, 920.887, S–116 | 56 |
| Appliance–Cord Assembler, 723.885, S–244 | 61 |
| Appraiser, 191.288 | 4 |
| Archeological Assistant, 052.381 | 7 |
| Architect, 001.081 | 1 |
| Architect, Marine, 001.081 | 1 |
| Armature Tester I, 724.384 | 52 |
| Artificial-Breeding Technician, 467.384, S–70 | 15 |
| Artist, 141.281 | 7 |
| Asparagus Sorter, 529.687, S–374 | 61 |
| Asphalt-Paving-Machine Operator, 853.883 | 26 |
| Assembler, 369.687, S–260 | 55 |
| Assembler, 712.887, S–411 | 57 |
| Assembler, 731.884, S–134 | 61 |
| Assembler, 754.884 | 53 |
| Assembler, 710.884 | 47 |
| Assembler, 801.884 | 46 |
| Assembler, 733.884 | 61 |
| Assembler, 734.884 | 61 |
| Assembler, 762.884 | 53 |
| Assembler II, 753.887, S–226 | 60 |
| Assembler, Accessories, 729.887, S–414 | 58 |
| Assembler, Aircraft Power Plant, 621.381, S–76R | 48 |
| Assembler, Aircraft Structures and Surfaces, 806.381, S–76R | 48 |
| Assembler, Automobile, 806.887, S–101 | 56 |

| DOT title and code | OAP No. |
|---|---|
| Assembler, Components, 723.884, S–191 | 53 |
| Assembler, Dry Cell and Battery, 727.887, S–66 | 62 |
| Assembler, Microwave Tube, 725.884 | 61 |
| Assembler, Photographic Equipment, 714.381 | 15 |
| Assembler, Product, 706.884 | 47 |
| Assembler, Production Line II, 709.884 | 47 |
| Assembler, Radiosonde, 722.884, S–81 | 61 |
| Assembler, Small Parts, 706.884 | 47 |
| Assembly Foreman, 806.131 | 12 |
| Assembly-Line Inspector, 709.684 | 50 |
| Assembly Prepareman, 759.887 | 60 |
| Audio Operator, 957.282 | 8 |
| Audiovisual Specialist, 099.168 | 10 |
| Audit Clerk, 210.388, S–199 | 58 |
| Audit-Machine Operator, 216.488 | 33 |
| Auditor, 160.188, S–114 | 4 |
| Automatic-Machine Attendant, 641.885 | 48 |
| Automobile-Accessories Installer, 806.884 | 44 |
| Automobile-Body Repairman, 807.381, S–313 | 42 |
| Automobile Mechanic, 620.281, S–43R | 37 |
| Automobile-Mechanic Helper, 620.884 | 47 |
| Automobile-Service-Station Attendant, 915.867, S–198 | 32 |
| Automobile-Service-Station Mechanic, 620.381, S–380 | 43 |
| Automobile Tester, 379.384 | 42 |
| Automotive Engineer, 007.081 | 1 |
| Baggage Porter, 324.878 | 62 |
| Baggage Porter, Head, 324.138 | 22 |
| Bagger, 720.887, S–95 | 61 |
| Bag-Machine Operator, 649.885, S–137 | 48 |
| Bag Maker, Hand, 794.887 | 56 |
| Bag-Sealer, 920.887, S–95 | 61 |
| Baker, 526.781, S–85 | 45 |
| Bakery-Wagon Driver, 292.358, S–197 | 14 |
| Balance Assembler, 715.884, S–151 | 43 |
| Balance Clerk, 216.388 | 33 |
| Balance Truer II, 715.884, S–150 | 47 |
| Balance-Wheel-and-Impulse-Pin Subassembler, 715.887, S–150 | 47 |
| Balancing-Machine Set-Up Man, 809.380 | 42 |
| Baling-Machine Operator, 929.885 | 55 |
| Balling-Machine Operator II, 689.885, S–295 | 51 |
| Band-Saw Operator I, 667.885 | 55 |
| Banking Adjuster, 715.781, S–151 | 43 |
| Barber, 330.371, S–252R | 54 |
| Barrel-Arbor Assembler, 715.887, S–152 | 44 |
| Barrel Assembler, 715.781 | 43 |
| Baseball Sewer, Hand, 732.884 | 47 |
| Baser, 692.885, S–27 | 62 |
| Battery Loader, 683.886, S–248 | 62 |
| Beamer Helper, 681.886 | 55 |
| Bench Carpenter, 760.884, S–389 | 45 |
| Bench Hand, 520.884 | 56 |
| Billing-Machine Operator, 214.488 | 33 |
| Bindery Worker, 643.885, S–34R | 45 |
| Biologist, 041.081, S–283 | 31 |
| Blender, 520.885 | 55 |
| Blocker, 713.887 | 61 |
| Blocker, Hand II, 580.884 | 48 |
| Blown-Plastic-Container Machine Operator, 556.885, S–396 | 13 |

| DOT title and code | OAP No. |
|---|---|
| Boarding Machine Operator, 589.885, S–41 | 62 |
| Boilermaker I, 805.281, S–262R | 37 |
| Bomb-Fuse-Parts Assembler, 737.884, S–24 | 51 |
| Bone-Char Operator, 553.886 | 62 |
| Boner, Meat, 525.884 | 48 |
| Bookbinder, 977.884 | 45 |
| Bookkeeper I, 210.388, S–184 | 16 |
| Bookkeeping-Machine Operator I, 215.388, S–5 | 33 |
| Bookmaker, 187.368 | 23 |
| Boom Man, 941.684 | 50 |
| Boring-Machine Operator, Production, 606.885 | 28 |
| Box Maker, Paperboard, 794.884 | 53 |
| Braiding-Machine Operator, 689.885, S–216 | 62 |
| Braille Proofreader, 209.688 | 24 |
| Brazing-Machine Set-Up Man, 814.380 | 42 |
| Bricklayer, 861.381, S–107R | 38 |
| Brokerage Clerk II, 219.368 | 14 |
| Budget Consultant, 096.268 | 4 |
| Burler, 689.684, S–75 | 51 |
| Burrer, 715.884, S–152 | 44 |
| Burrer, Machine, 603.885, S–152 | 44 |
| Bursar, 160.188 | 4 |
| Bursting-Machine Operator, 217.885 | 59 |
| Bus Boy, 311.878 | 56 |
| Bus Driver, 913.463 | 38 |
| Business Agent, Labor Union, 187.118 | 2 |
| Butcher, Chicken and Fish, 316.884 | 48 |
| Butler, 309.138 | 22 |
| Buyer II, 162.158 | 2 |
| Cabinetmaker, 660.280, S–100R | 37 |
| Cable Assembler, 709.884, S–408 | 20 |
| Cable Maker, 726.884, S–160 | 24 |
| Cable Man, 822.884 | 41 |
| Calculating-Machine Operator, 216.488, S–90 | 33 |
| Calculating Machine Serviceman, 633.281, S–234 | 42 |
| Calibration Checker II, 710.687 | 25 |
| Camera Inspector, 714.684 | 50 |
| Camerman, 143.062 | 7 |
| Cancellation Clerk, 209.388 | 39 |
| Candy Packer, 920.887, S–193 | 62 |
| Candy-Wrapping-Machine Operator, 920.885, S–99 | 56 |
| Can Inspector, 920.687 | 49 |
| Cannery Worker, 529.886, S–121 & S–122 | 62 |
| Capacitor Winder, 726.884, S–281R | 39 |
| Carbon-Paper-Coating-Machine Set-Up Man, 534.780 | 44 |
| Carbon Printer, 976.884 | 53 |
| Carburetor Man, 620.281 | 35 |
| Carder and Assembler, 712.887, S–411 | 57 |
| Carding-Machine Operator, 681.885, S–50 | 26 |
| Card-Tape-Converter Operator, 213.382 | 57 |
| Card Tender, 680.885, S–338 | 62 |
| Cargo Inspector, 549.387 | 40 |
| Carpenter, 860.381, S–11R | 37 |
| Carpet Inspector, Finished, 689.584 | 50 |
| Carpet Layer, 299.381, S–185 | 37 |
| Car-Rental Clerk, 919.478 | 30 |
| Carton-Forming-Machine Operator, 641.885, S–306 | 48 |
| Case Coverer, 739.884, S–174 | 61 |
| Case Liner, 739.884, S–174 | 61 |
| Caser, 715.884, S–149 | 61 |

| DOT title and code | OAP No. |
|---|---|
| Case Worker, 195.108, S–175 | 2 |
| Cashier II, 211.468 | 14 |
| Cashier-Checker, 299.468 | 14 |
| Cash-Register Serviceman, 633.281, S–234 | 42 |
| Casing Cleaner, 525.886 | 61 |
| Casing Tier, 529.887, S–35 | 61 |
| Caster, 575.884 | 51 |
| Casting Repairman, 619.281 | 37 |
| Caterer Helper, 319.874 | 56 |
| Cementer, Hand, 788.887, S–147 | 61 |
| Cementer, Life Rafts, 751.887, S–94 | 56 |
| Cement Mason, 844.884, S–215 | 37 |
| Central-Office Operator, 235.862, S–9 | 25 |
| Central-Office Repairman, 822.281, S–74R | 15 |
| Centrifuge Operator, 521.885 | 55 |
| Cereal Packer, 920.887, S–127 | 50 |
| Chainman, 669.886 | 62 |
| Checker I, 223.687 | 52 |
| Checker II, 209.688, S–31 | 58 |
| Cheese Wrapper and Packer, 920.887, S–16 | 61 |
| Chemical Engineer, 008.081, S–36 | 1 |
| Chemical and Metallurgical Technology, 008. and 011., S–378 | 5 |
| Chemical Operator III, 559.782, S–330R | 34 |
| Chemical-Process Operator, 559.380 | 3 |
| Chemist, Analytical 022.081 | 1 |
| Cherry Packer, 920.887, S–116 | 56 |
| Cherry Sorter, 529.687, S–116 | 56 |
| Chief Operator, 558.280 | 3 |
| Child-Care Attendant, 359.878 | 18 |
| Circular Knitter, 685.885, S–336 | 19 |
| Citrus-Fruit Packer, 920.887, S–116 | 56 |
| Civil Engineer, 005.081, S–36 | 1 |
| Civil Service Clerk, 205.388 | 22 |
| Claim Adjuster, 241.168, S–186 | 9 |
| Claim Examiner I, 168.288 | 9 |
| Claims Clerk, 249.368 | 22 |
| Claims Taker, Unemployment Benefits, 169.268 | 2 |
| Clampman, 669.885 | 28 |
| Classified-Ad Clerk, 209.388 | 29 |
| Classifier, 100.388 | 22 |
| Cleaner, 726.887 | 54 |
| Cleaner and Polisher, 709.887 | 62 |
| Clerical Occupations, Selected 209.688, 219.388, 230.887, 231.588, S–31 | 58 |
| Clerical Technician, 161.268 | 4 |
| Clerk, General, 209.588 | 24 |
| Clerk, General Office, 219.388 S–329 | 17 |
| Clerk-Typist, 209.388, S–10 | 13 |
| Clocker, 153.268 | 22 |
| Clothes Designer, 142.081, S–88 | 7 |
| Cloth Inspector, 685.687 | 25 |
| Coding Clerk, 219.388, S–410 | 29 |
| Coil Assembler, 700.884, S–102 | 21 |
| Coil Finisher, 724.887, S–169 | 45 |
| Coil Opener, 613.782, S–247 | 47 |
| Coil Taper, Hand, 724.884 | 59 |
| Coil Winder II, 724.884, S–220 | 59 |
| Coil Winder, Repair, 724.781 | 59 |
| Cold-Mill Operator, 613.782, S–98 | 47 |

| DOT title and code | OAP No. |
|---|---|
| Collection Clerk, 240.388 | 14 |
| Color Expert, 141.051 | 7 |
| Commercial Designer, 142.081 | 7 |
| Commissioner, Public Works, 188.118 | 10 |
| Communication Man, 822.281 | 15 |
| Community Relations and Services Advisor, Public Housing, 195.108 | 2 |
| Comparator Operator, 699.384 | 42 |
| Comparison Shopper, 296.388 | 22 |
| Composition Roofer, 866.381, S–241 | 55 |
| Compositor I, 973.381, S–51R | 17 |
| Compounder, 550.885 | 55 |
| Compression-Molding-Machine Tender, 556.885, S–218 | 62 |
| Comptometer Operator, 216.488, S–90 | 33 |
| Computer-Peripheral-Equipment Operator, 213.382 | 57 |
| Computer Technology Trainee, 828.___, S–415 | 5 |
| Concrete-Paver Operator, 852.883 | 26 |
| Concrete Sculptor, 148.281 | 7 |
| Concrete-Stone Finisher, 844.781 | 42 |
| Conductor, Passenger Car, 198.168 | 9 |
| Construction Equipment Mechanic, 670.281, S–201R | 35 |
| Construction Inspector, 182.287 | 34 |
| Contact Clerk, 119.288 | 9 |
| Container-Maker-Filler-Packer Operator, 920.885, S–242 | 62 |
| Continuous-Mining-Machine Operator, 930.883 | 26 |
| Contract Clerk Training Supervisor, 239.228 | 11 |
| Control Clerk, Data Processing I, 219.388 | 39 |
| Control Supervisor, Senior, 193.168 | 9 |
| Conveyor Man II, 921.883, S–247 | 47 |
| Cook, 313.381, S–238 | 43 |
| Cooker Man, 539.885 | 55 |
| Cook, Head, School Cafeteria, 313.138 | 22 |
| Cooling-Conveyor Operator, 921.883, S–247 | 47 |
| Copy Holder, 209.588, S–108 | 24 |
| Copyist, 142.281 | 7 |
| Coremaker, 518.381 | 42 |
| Core-Plane Wirer, 726.884, S–317 | 27 |
| Corn-Cutting-Machine Operator, 529.886, S-121 | 62 |
| Corn-Husking-Machine Operator, 529.886, S–121 | 62 |
| Correction Officer, 372.868, S–348R | 24 |
| Correspondence Clerk, 204.288 | 9 |
| Corrugator Operator, 643.782, S–395 | 60 |
| Cosmetologist, 332.271, S–71R | 42 |
| Cost-Analysis Engineer, 002.187 | 5 |
| Costumer, 969.261 | 6 |
| Cottage Parent, 355.878, S–388 | 57 |
| Cotton Classer, 469.387 | 36 |
| Counselor II, 045.108, S–451 | 2 |
| Counselor, Camp, 159.228, S–209 | 17 |
| Counter Clerk, 249.368 | 29 |
| Counter Clerk, 239.368 | 39 |
| Countergirl, 311.878, S–164 | 51 |
| Counterman, Automotive Parts, 289.358, S–167 | 14 |
| Counterman, Lunchroom or Coffee Shop, 311.878, S–164 | 51 |
| County Agricultural Agent, 096.128 | 2 |
| Court Reporter, Clerical, 202.388 | 13 |
| Credit-Card Clerk, 209.588 | 24 |
| Credit Clerk I, 249.368 | 14 |

| DOT title and code | OAP No. |
|---|---|
| Credit Man, 168.268, S–320 | 29 |
| Crester, 749.887 | 54 |
| Cruiser, 449.287 | 34 |
| Crusher Inspector, 619.685, S–97 | 37 |
| Crystal Finisher, 726.884 | 62 |
| Cut-Out Stitcher, 690.782 | 51 |
| Cutter, Hand, 751.884 | 51 |
| Cutter, Hand, 529.887, S–122 | 62 |
| Cutter, Machine, 529.886, S–121 | 62 |
| Cutter, Machine I, 781.884 | 51 |
| Cutting-and-Creasing Pressman, 649.782, S–300R | 38 |
| Cylinder-Press Man, 651.782, S–40R | 34 |
| Dairy Tester, 469.381 | 31 |
| Decontamination Man, 199.885 | 59 |
| Decorator I, 298.381 | 42 |
| Decorator, 749.884 | 54 |
| Decorator, Hand, 740.885, S–18 | 44 |
| Dental Assistant, 079.378, S–202 | 20 |
| Dental Hygienist, 078.368, S–54 | 7 |
| Dental-Laboratory Technician, 712.381, S–285 | 42 |
| Dentist, 072.108, S–39 | 7 |
| Detailer, 017.281, S–266R | 34 |
| Detective I, 376.868 | 24 |
| Detective II, 376.868 | 24 |
| Dialer, 715.884, S–149 | 61 |
| Dial Maker, 715.781 | 43 |
| Diamond-Die Polisher, 770.781 | 43 |
| Die-Casting-Machine Operator II, 514.885, S–166 | 43 |
| Die Cutter, 699.782, S–123 | 48 |
| Die Finisher, 601.381 | 34 |
| Die Maker, 739.381, S–307R | 37 |
| Die Maker, Stamping, 601.280 | 34 |
| Diesel Mechanic, 625.281, S–423R | 5 |
| Dietary Aid, 317.877, S–436 | 48 |
| Dietitian, 077.168, S–55 | 2 |
| Digital-Computer Operator, 213.382, S–286 | 2 |
| Director, Athletic II, 153.118 | 2 |
| Director, Funeral, 187.168, S–93 | 2 |
| Director, Industrial Relations, 166.118 | 2 |
| Director, Nursing Service, 075.118 | 2 |
| Director of Guidance in Public Schools, 045.118 | 2 |
| Director, School Lunch Program, 187.168, S–204 | 22 |
| Disbursement Clerk, 186.388 | 22 |
| Dispatcher, 957.168 | 11 |
| Dispatcher, Maintenance, 229.368 | 22 |
| Dispatcher, Motor Vehicle, 919.168, S–251 | 2 |
| Dispatcher, Service or Work, 952.168 | 11 |
| Display Man, 298.081 | 7 |
| Distributing Clerk, 222.587 | 52 |
| Distribution Clerk, 231.688, S–162 | 29 |
| District Sales Representative, 184.118 | 2 |
| Dockmaster, 891.138 | 10 |
| Doffer, 689.886, S–337 | 56 |
| Draftsman, Architectural, 001.281, S–266R | 34 |
| Draftsman, Civil, 005.281, S–266R | 34 |
| Draftsman, Geological 010.281, S–266R | 34 |
| Draftsman, Mechanical, 007.281, S–266R | 34 |
| Draftsman, Structural, 005.281, S–266R | 34 |
| Drawtwist Operator, 660.885 | 46 |
| Dressmaker, 785.361 | 6 |

| DOT title and code | OAP No. |
|---|---|
| Drier Tender I, 523.885 | 55 |
| Dry-Cleaner Helper, 362.886 | 55 |
| Duplicating-Machine Operator I, 207.884 | 56 |
| Duplicating-Machine Operator II, 207.782 | 56 |
| Duplicating-Machine Serviceman, 633.281, S–234 | 42 |
| Egg Breaker, 521.887 | 56 |
| Egg Candler, 529.687, S–118 | 50 |
| Electrical-Appliance-Set-Up Man, 827.884 | 21 |
| Electrical Engineer, 003.081, S–36 | 1 |
| Electrical Engineer, Power, 003.187 | 5 |
| Electrical Repairman, 829.281 | 35 |
| Electrical Technology-Technical Institute Training, 003.___, S–322 | 5 |
| Electric-Bridge-Crane-Operator, 921.883 | 55 |
| Electric-Distribution Checker, 824.281 | 35 |
| Electric-Fan Assembler, 723.884 | 62 |
| Electrician, 824.281, S–72R | 35 |
| Electrician, Airplane, 825.281, S–69R | 38 |
| Electric-Motor Assembler, 721.884, S–21 | 61 |
| Electric-Motor Repairman, 721.281 | 35 |
| Electric-Motor Winder, 721.884 | 47 |
| Electrologist, 339.371 | 54 |
| Electro-Mechanical Assembly Curriculum, 82XX, 72XX, S–426 | 47 |
| Electronic Engineer, 003.081 | 1 |
| Electronic-Sales-and-Service Technician, 828.251 | 15 |
| Electronics Assembler, 726,781, S–310 | 19 |
| Electronics Foreman, 726.134, S–353 | 12 |
| Electronics Mechanic, 776.281, S–103R | 35 |
| Electronic Technician, 003.181, S–293R | 34 |
| Electro Typer, 974.381 | 41 |
| Elevator Operator, 388.868 | 62 |
| Embalmer, 338.381, S–93 | 2 |
| Embosser, 690.782 | 51 |
| Embossing-Machine Operator I, 208.782 | 56 |
| Embossing-Press Operator, 659.782, S–40R | 34 |
| Embroiderer, Hand, 782.884 | 61 |
| Employment Clerk, 205.368, S–105 | 14 |
| Employment Interviewer I, 166.268 | 2 |
| Encoder, 209.588, S–309 | 57 |
| Endshake Adjuster, 715.885, S–151 | 43 |
| Engineer, Selected Classifications, | 1 |
| Engineer, 197.130 | 20 |
| Engineering Aid II, 019.281, S–373R | 34 |
| Engraver II, 979.884 | 53 |
| Engraver, Machine I, 704.884 | 51 |
| Engraving-Press Operator, 651.782, S–40R | 34 |
| Envelope-Machine Set-Up Man, 641.780, S–394 | 44 |
| Evaluator, 209.368 | 22 |
| Exerciser, Horse, 153.874 | 21 |
| Experimental Assembler, 739.381, S–333 | 54 |
| Experimental Mechanic II, 621.281 | 35 |
| Exterminator, 389.884, S–232 | 46 |
| Extractor Operator, 581.885 | 55 |
| Extruder Operator, 557.782, S–221 | 60 |
| Extrusion-Press Set-Up Man, 557.782 | 60 |
| Fabric Worker, 782.884 | 56 |
| Fancy Stitcher, 690.782, S–159 | 51 |
| Farm Hand, Dairy, 411.884, S–416 | 46 |
| Fettler, 779.884, S–22 | 28 |

| DOT title and code | OAP No. |
|---|---|
| Field Man, 180.118 | 2 |
| File Clerk I, 206.388 | 17 |
| File Clerk II, 206.388, S–38 | 17 |
| Filer, 700.884 | 51 |
| Filling-Line Set-Up Man, 920.380 | 47 |
| Final Inspector, 715.381 | 43 |
| Final Inspector, Movement Assembly, 715.687, S–149 | 61 |
| Final Tester, 721.281 | 35 |
| Finisher I, 774.884 | 51 |
| Finisher, 749.884 | 46 |
| Finisher, Hand, 754.884, S–246 | 53 |
| Fire Fighter, 373.884, S–120 | 15 |
| Fire Inspector, 373.168 | 13 |
| Fireman, High Pressure, 951.885 | 55 |
| Firesetter, 692.380, S–133 | 26 |
| Fireworks Assembler, 737.887, S–52 | 61 |
| First Aid Attendant, 354.878 | 18 |
| Fish and Game Warden, 379.168, S–363 | None |
| Fisherman, Net, 431.884 | 49 |
| Fishing-Rod Assembler, 732.884, S–79R | 56 |
| Fishing-Rod Marker, 732.884 | 56 |
| Fitter I, 801.281 | 37 |
| Fitter-Placer, 753.887 | 60 |
| Fixture-Maintenance Man, 630.884 | 48 |
| Flame-Hardening Machine Set-Up Man, 504.380 | 42 |
| Flatwork Catcher, 363.886, S–260 | 55 |
| Flatwork Feeder, 363.886, S–260 | 55 |
| Flatwork Finisher, 363.886, S–260 | 55 |
| Flatwork Folder, 363.886, S–260 | 55 |
| Float Master, 184.168 | 10 |
| Floor Girl, 311.878 | 56 |
| Floor Layer, 864.781, S–185 | 37 |
| Floorman, 343.468 | 22 |
| Flumer, 521.886 | 62 |
| Fluoroscope Operator, 502.382 | 42 |
| Folder, Hand, 794.887 | 56 |
| Folding-Machine Operator, 653.782, S–172 | 14 |
| Folding-Machine Operator, 369.886 | 55 |
| Food Checker II, 216.488 | 33 |
| Food Service Supervisor, 319.138, S–440 | 22 |
| Food Service Worker II, 317.884, S–274 | 56 |
| Foreign Car Mechanic, 620.281, S–43R | 37 |
| Foreman, 615.130 | 16 |
| Foreman, 529.130 | 12 |
| Foreman, 819.131 | 10 |
| Foreman, 669.137 | 16 |
| Foreman, Abattoir, 525.131 | 12 |
| Foreman, Benter Room, 530.132 | 16 |
| Foreman, Blast Furnace, 519.132 | 10 |
| Foreman, Curing Room, 529.137 | 16 |
| Foreman, Drawing, 614.131 | 16 |
| Foreman, Electronic Assemblies, 726.130 | 12 |
| Foreman, Feed Mill, 529.132 | 10 |
| Foreman, Laminating, 724.134 | 12 |
| Foreman, Line, 619.130 | 10 |
| Foreman, Mail Room, 239.138 | 9 |
| Foreman, Mica Processing, 779.134 | 16 |
| Foreman, Paint, 559.132 | 16 |

| DOT title and code | OAP No. |
|---|---|
| Foreman, Powdered Metal, 509.130 | 10 |
| Foreman, Roofing Plant, 590.130 | 12 |
| Foreman, Toilet and Laundry Soap, 559.132 | 10 |
| Forester, 040.081, S–243 | 6 |
| Forester Aid, 441.384, S–438 | 30 |
| Forge Helper, 619.886 | 62 |
| Forging-Press Operator II, 611.885 | 46 |
| Fork-Lift-Truck Operator, 922.883, S–131 | 26 |
| Form Builder, 693.280 | 34 |
| Form Builder, 860.381 | 37 |
| Foundry Worker, General, 519.887 | 62 |
| Fountain Girl, 319.878, S–311 | 56 |
| Freight-Traffic Consultant, 184.268 | 4 |
| Fruit-Buying Grader, 529.387 | 36 |
| Fruit Sorter, 529.687, S–116 | 56 |
| Furnaceman, 862.381 | 19 |
| Furnace Operator, 512.782 | 52 |
| Furniture Assembler, 763.884 | 45 |
| Gambling Dealer, 343.468 | 23 |
| Gamewell Operator, 235.862 | 25 |
| Garment Folder, 789.887, S–63 | 62 |
| Garment Packer, 920.887, S–361 | 23 |
| Gas Dispatcher, 953.168 | 11 |
| Gasoline-Engine Assembler, 806.781, S–13 | 51 |
| Gas-Plant Operator, 953.380 | 3 |
| Gas Serviceman, 637.281, S–208 | None |
| Gear-Cutting-Machine Set-Up Operator, Tool, 602.280 | 34 |
| Gear-Sorting-Machine Operator, 602.382 | 36 |
| General Helper, 529.886 | 61 |
| General Helper, 529.887 | 62 |
| General Helper, Laboratory, 356.874 | 21 |
| General Labor Worker, 899.887, S–364 | 49 |
| General Practitioner, 070.108, S–39 | 1 |
| Geologist, 024.081 | 1 |
| Glass Blower, 575.781 | 42 |
| Glass Blower, Laboratory Apparatus, 772.281, S–345 | 42 |
| Glass Finisher, 775.884 | 51 |
| Glazier, 865.781, S–171R | 34 |
| Glove Sewer, 787.782, S–4 | 56 |
| Glueman, 762.887 | 61 |
| Goggle-Glass Cutter, 713.884, S–148 | 61 |
| Golf Club Repairman, 732.381 | 15 |
| Grader, Meat, 525.387 | 36 |
| Greenskeeper II, 407.883 | 26 |
| Grid Assembler, 726.884 | 59 |
| Grid Operator, 725.884, S–117 | 53 |
| Grinder Operator, Production, 603.885 | 28 |
| Grocery Checker, 299.468, S–145 | 14 |
| Groover, 692.886 | 62 |
| Groundman, 821.887 | 62 |
| Group Worker, 195.108 | 2 |
| Guard I, 372.868 | 24 |
| Guide, 353.368 | 10 |
| Guide, Factory, 353.368 | 10 |
| Guide Setter, 613.381, S–367 | 50 |
| Guide, Sightseeing, 353.368 | 10 |
| Guide, Travel, 353.168 | 10 |
| Gyroscope Assembler, 710.884, S–253 | 47 |
| Hairspring Inspector I, 715.381, S–151 | 43 |

| DOT title and code | OAP No. |
|---|---|
| Hairspring Pinner, 715.887, S–151 | 43 |
| Hairspring Solderer, 715.887, S–150 | 47 |
| Hairspring Vibrator, 715.381, S–150 | 47 |
| Hair Worker, 739.884 | 61 |
| Hammersmith, 700.781 | 42 |
| Hand Rammer, 518.381, S–365 | 50 |
| Hands Assembler, 715.884, S–149 | 61 |
| Hand Sewer, Shoes, 788.884, S–346 | 47 |
| Hatchery Man, 436.884 | 49 |
| Heater Operator, 712.884, S–418 | 52 |
| Heat Treater I, 504.782, S–401R | 52 |
| Heat Treater II, 504.782, S–401R | 52 |
| Heavy-Equipment Operator, 424.883 | 26 |
| Heddles Tier, Jacquard Loom, 683.780 | 44 |
| Hewer, 949.887 | 51 |
| Home Attendant, 354.878 | 18 |
| Home Economist, 096.128 | 2 |
| Horticulturist, 040.081 | 3 |
| Hosiery Looper, 689.782, S–119 | 47 |
| Hospital-Admitting Clerk, 237.368, S–393 | 17 |
| Hotel Clerk, 242.368, S–332 | 14 |
| Hot-Mill Operator, 613.782, S–98 | 47 |
| Housekeeper, Home I, 303.138 | 22 |
| Hydrator Operator, 559.885 | 56 |
| IBM Coder, 219.388, S–31 | 58 |
| Illustrator, 141.081, S–435 | 6 |
| Industrial Chemistry Technology-Technical Institute Training, 008.---- | 5 |
| Industrial Designer, 142.081 | 7 |
| Industrial Technology-Technical Institute Training, 012.---, S–323 | 5 |
| Information Operator, 235.862 | 25 |
| Ingot Mold Foundry Jobs, 518.381, 518.883, 519.887, S–365 | 50 |
| Ingredient Scaler, 529.884 | 46 |
| Inhalation Therapist, 079.368, S–362R | None |
| Inserter, 230.887, S–31 | 58 |
| Inserter, 712.884, S–430 | 36 |
| Inspector, 712.887, S–412 | 44 |
| Inspector, 579.684 | 50 |
| Inspector I, 729.387 | 52 |
| Inspector, 789.684 | 50 |
| Inspector, 769.687 | 50 |
| Inspector, Alining, 706.687 | 49 |
| Inspector, Assemblies and Installations, 806.381, S–404 | 8 |
| Inspector, Balance Wheel and Impulse Pin, 715.687, S–150 | 47 |
| Inspector, Casing, 715.687, S–149 | 61 |
| Inspector, Finishing, 726.384 | 52 |
| Inspector, Floor, 609.381 | 37 |
| Inspector, General, 609.684 | 49 |
| Inspector, Magnetic, 609.382 | 42 |
| Inspector, Mechanical and Electrical, 710.384, S–355 | 37 |
| Inspector-Packer, 774.387, S–258 | 55 |
| Inspector, Paper Products, 649.387 | 58 |
| Inspector, Plastic, 712.687, S–412 | 44 |
| Inspector, Printed Circuit Boards, 729.384 | 36 |
| Inspector, Subassemblies, 726.384, S–230 | 59 |
| Inspector, Wire, 691.384 | 36 |
| Inspector, Wire Products, 709.687 | 49 |
| Instructor, Navigation, 099.288 | 3 |

| DOT title and code | OAP No. |
|---|---|
| Instrument Maker II, 600.280 | 34 |
| Instrument Man, 710.381 | 34 |
| Instrument Man, 018.188 | 31 |
| Instrument Repairman I, 710.281, S–318R | 34 |
| Instrument-Repairman Helper, 710.884 | 47 |
| Insulating-Machine Operator, 691.782, S–308 | 51 |
| Insulation-Blanket Maker, 809.884, S–110 | 53 |
| Insulation Worker, 863.884, S–432R | 37 |
| Insurance Clerk I, 219.388 | 39 |
| Insurance Clerk II, 210.588 | 17 |
| Intercom Serviceman II, 829.281, S–189 | 35 |
| Interior Designer and Decorator, 142.051 | 7 |
| Interline Clerk, 216.488 | 33 |
| Internal-Combustion Engine Assembler, 806.781, S–13 | 51 |
| Inventory Clerk, 223.388 | 14 |
| Jacquard-Plate Maker, 685.781 | 45 |
| Jewel-Bearing Polisher, 770.884 | 43 |
| Jig Fitter, 801.884 | 46 |
| Job Analyst, 166.088, S–205 | 3 |
| Joiner, 860.381 | 37 |
| Justo-Writer Operator, 209.382 | 20 |
| Key-Punch Operator, 213.582, S–180 | 20 |
| Kitchen Helper, 318.887 | 62 |
| Knitter Mechanic, 685.380 | 35 |
| Knitting Machine Fixer, Socks, 689.280, S–91R | 35 |
| Knockoutman, 519.887, S–365 | 50 |
| Labeling-Machine Set-Up Man, 920.780 | 44 |
| Laboratory Assistant, Plasma Drawing-Off, 078.687 | 48 |
| Laboratory Helper, 223.587 | 52 |
| Laboratory Tester I, 029.281, S–7 | 2 |
| Laborer, 732.887 | 27 |
| Laborer, Cheesemaking, 529.886 | 61 |
| Laborer, Concrete-Mixing Plant, 579.885 | 55 |
| Laborer, Cook House, 551.887 | 62 |
| Laborer, Electroplating, 500.886 | 62 |
| Laborer, Gas Plant, 953.886 | 62 |
| Laborer, General, 509.886, S–247 | 47 |
| Laborer, General, 754.887 | 61 |
| Laborer, General, 519.887 | 62 |
| Laborer, Landscape, 407.887 | 55 |
| Laborer, Power House, 952.885 | 55 |
| Laborer, Road, 850.887 | 62 |
| Laborer, Stores, 922.887 | 58 |
| Labor Expediter, 249.168 | 11 |
| Lady Attendant, 339.381 | 42 |
| Lancing Gager, 715.687, S–152 | 44 |
| Landscape Gardener, 407.181 | 26 |
| Lapper, Hand, Tool, 705.781 | 42 |
| Lathe Operator, 770.781 | 43 |
| Lather, 842.781, S–375R | 37 |
| Launderette Attendant, 369.877 | 62 |
| Laundryman II, 361.885 | 62 |
| Lay-Away Clerk, 240.468 | 30 |
| Lemon Picker, 404.887, S–351 | 55 |
| Lens Cutter II, 713.884, S–148 | 61 |
| Lens Examiner, 711.687 | 49 |
| Letter-Opener Operator, 231.588, S–31 | 58 |
| Levers-Lace-Machine Operator, 683.782, S–405 | 51 |
| Librarian, 100.168, S–299 | 4 |
| Library Assistant, 249.368 | 29 |

| DOT title and code | OAP No. |
|---|---|
| Light-Bulb Assembler, 692.885, S–56 | 61 |
| Lineman, Repair, 821.381, S–154R | 41 |
| Linen Supply-Load Bundler, 920.687, S–292 | 59 |
| Liner-and-Gasket Inserter, 715.887, S–149 | 61 |
| Line-Up Man I, 221.368 | 22 |
| Linotype Operator, 650.582, S–128R | 29 |
| Lint Remover, 715.887, S–149 | 61 |
| Loading-Machine Tool-Setter, 695.280 | 42 |
| Loan Closer, 249.388 | 14 |
| Loan Officer, 186.288 | 4 |
| Log Scaler, 941.488, S–390 | 25 |
| Looper Fixer, 684.280 | 35 |
| Lost-and-Found Clerk, 243.368 | 17 |
| Luggage-Hardware Assembler, 706.884, S–136 | 62 |
| Luggage Maker, 789.781 | 42 |
| Machine Assembler, 638.781 | 42 |
| Machine Attendant, 619.885, S–233 | 61 |
| Machine Fixer, 681.280 | 35 |
| Machine Molder, 518.782 | 51 |
| Machine Operator II, 619.885 | 28 |
| Machine Operator, General, 649.885 | 48 |
| Machine Operator, Mass Mailing, 234.885, S–376 | 50 |
| Machine Repairman, Maintenance, 626.281 | 37 |
| Machinery Erector, 638.281, S–445 | 37 |
| Machinist I, 600.280, S–12R | 37 |
| Mail Carrier, 233.388 | 22 |
| Mail Clerk, 231.588, S–31 | 58 |
| Main-Arbor-and-Hook Assembler, 715.887, S–152 | 44 |
| Maintenance Man, Building, 899.381, S–350 | None |
| Maintenance Man, Factory or Mill, 899.281, S–363 | 37 |
| Maintenance Mechanic II, 638.281, S–439 | None |
| Make-Up Man, 333.271 | 42 |
| Manager, City Circulation, 163.118, S–23 | 4 |
| Manager, Department, 299.138 | 9 |
| Manager, Industrial Organization, 189.118, S–158 | 10 |
| Manager, Insurance, 186.118 | 2 |
| Manager, Restaurant, Coffee Shop, 187.168, S–425 | 29 |
| Manager, Retail Food, 185.168, S–225 | 13 |
| Manager, Sales, 163.118 | 2 |
| Manager, Station, 184.118 | 2 |
| Manager, Store I, 185.168, S–385R | 13 |
| Manager, Theater, 182.168, S–30 | 2 |
| Manager, Warehouse, 184.168 | 9 |
| Manipulator, 613.782, S–367 | 50 |
| Manufacturers' Representative, 289.158 | 2 |
| Manufacturers' Service Representative, 638.281, S–177R | 37 |
| Manufacturing-Order Clerk, 221.388 | 22 |
| Marker, 209.588 | 24 |
| Marker I, 781.484 | 25 |
| Marker II, 920.887, S–219 | 27 |
| Masker, 749.887 | 54 |
| Master Tailor, 785.261 | 6 |
| Material Clerk, 223.387 | 40 |
| Mathematician, 020.088, S–213 | 1 |
| Matrix Worker, 500.884 | 49 |
| Mattress Maker, 780.884 | 47 |
| Meat Cutter, 316.884, S–349R | 48 |
| Meat Dresser, 525.884 | 48 |
| Meat Packaging Occupations, Selected, S–35 | 61 |

| DOT title and code | OAP No. |
|---|---|
| Mechanical Engineer, 007.081, S–36 | 1 |
| Mechanical Technology-Technical Institute Training, 007.--- | 5 |
| Mechanism Assembler, 715.884, S–151 | 43 |
| Medical-Apparatus Model Maker, 712.281 | 42 |
| Medical Assistant, 079.368, S–237 | 17 |
| Medical-Laboratory Assistant, 078.381, S–384 | 31 |
| Medical Technologist, 078.281 | 13 |
| Memorial Designer, 148.081 | 6 |
| Mender, 782.884, S–75 | 51 |
| Merchandise Packer, 920.887, S–165 | 40 |
| Metal-Chair Assembler, 739.884, S–194 | 61 |
| Metal Cleaner, Immersion, 503.885 | 55 |
| Metal Fabricator I, 619.380, S–235 | 42 |
| Metal Finisher, 705.884 | 51 |
| Metallurgical Technology-Technical Institute Training, 011.---, S–324 | 5 |
| Metallurgist, Extractive, 011.081 | 1 |
| Meteorologist, 025.088 | 1 |
| Meter Inspector, 710.384 | 58 |
| Meter Mechanic, 710.381 | 34 |
| Milking-Machine Operator, 411.885 | 55 |
| Mill-End Inspector, 619.687, S–97 | 37 |
| Milling-Machine Operator, Production, 605.885 | 28 |
| Milling-Machine Set-Up Operator, Tool, 605.380 | 34 |
| Mill Inspector, 619.387, S–97 | 37 |
| Millman, 550.885 | 55 |
| Millwright, 638.281, S–177R | 37 |
| Millwright Helper, 638.884 | 46 |
| Mimeograph Operator, 207.782 | 56 |
| Mining Engineer, 010.081 | 1 |
| Mixer, 570.885 | 55 |
| Mixer, 510.885 | 55 |
| Mobile-Home Installer, 806.884 | 44 |
| Model-Airplane Assembler, 731.884, S–134 | 61 |
| Model Maker, 600.280 | 34 |
| Model Maker I, 693.381, S–448 | 42 |
| Mold Dresser, 519.884 | 51 |
| Molded-Goods Inspector-Trimmer, 759.687, S–443 | 57 |
| Molder, Bench, 712.381 | 42 |
| Molder, Bench, 518.381, S–366 | 36 |
| Molder, Floor, 518.381, S–366 | 36 |
| Molder, Hand, 575.884 | 51 |
| Molding Cutter, 663.885 | 28 |
| Monotype-Keyboard Operator, 650.582, S–163R | 29 |
| Mortgage Clerk, 209.388 | 39 |
| Mounter I, 726.887, S–8 | 54 |
| Mounter, Clarinet, 730.884 | 51 |
| Mounter, Color Film, 976.885, S–161 | 28 |
| Multi-Moulding-Unit Operator, 712.884, S–418 | 52 |
| Multi-Operation-Forming-Machine Set-Up Man, 619.380 | 42 |
| Multiple-Photographic-Printer Operator, 976.782, S–86 | 50 |
| Museum Technician, 102.381 | 7 |
| Nailing-Machine Operator, Automatic, 669.885 | 61 |
| Napkin Packager, 920.885, S–372 | 59 |
| Navigator, 196.188 | 31 |
| Neon-Sign Serviceman, 824.281 | 35 |
| Nurse Aid, 355.878, S–282 | 18 |
| Nurse, General Duty, 075.378, S–271R | 8 |

| DOT title and code | OAP No. |
|---|---|
| Nurse, Licensed Practical, 079.378, S–270R | 18 |
| Nursemaid, 307.878 | 18 |
| Nurse, Office, 075.378 | 8 |
| Nursery Worker, 406.887 | 55 |
| Nutritionist, 077.128 | 2 |
| Nut Sorter, 521.887, S–96 | 56 |
| Occupational Therapist, 079.128, S–352R | None |
| Occupational-Therapy Aid, 079.368, S–272R | 52 |
| Office-Machine Serviceman, 633.281, S–234 | 42 |
| Offset-Duplicating Machine Operator, 207.782, S–358 | 56 |
| Offset-Press Man, 651.782, S–40R | 34 |
| Oil-Burner-Installation-and-Serviceman, 862.281, S–273 | 19 |
| Oiler, 715.884, S–151 | 43 |
| Olive Sorter, 529.687, S–116 | 56 |
| Onion Corer, 529.886, S–269 | 62 |
| Operating Engineer II, 859.883, S–343R | 38 |
| Order Clerk II, 249.368 | 22 |
| Order Filler, 922.887 S–182 | 58 |
| Orderly, 355.878 | 18 |
| Ornamental-Iron Worker, 809.381, S–280 | 52 |
| Osteopathic Physician, 071.108, S–399 | 2 |
| Outboard-Motor Assembler, 806.781, S–13 | 51 |
| Overlay Cutter, 651.381, S–40R | 34 |
| Packager, Machine, 920.885, S–434 | 47 |
| Packager, Solutions and Syringes, 920.885, S–3 | 61 |
| Packaging-Machine Mechanic, 920.280, S–157R | 47 |
| Packer, 920.887, S–116 | 56 |
| Packer, 920.887, S–192 | 60 |
| Packer, Agricultural Produce, 920.887 | 56 |
| Packer, Sausage and Weiner, 920.887, S–35 | 61 |
| Paint-Brush Maker, 733.884 | 56 |
| Painter, 840.781, S–203 | 37 |
| Painter, 144.081 | 7 |
| Painter, Airbrush, 970.884 | 53 |
| Painter, Automobile, 845.781, S–402 | 46 |
| Painter, Brush, 740.887 | 61 |
| Painter, Spray I, 741.884 | 46 |
| Painting-Machine Operator, 599.885 | 55 |
| Pairer, 684.687, S–60 | 49 |
| Pairing-Machine Operator, 691.885, S–308 | 51 |
| Panel-Machine Operator, 640.885 | 48 |
| Panel-Machine Set-Up Man, 640.780 | 44 |
| Pants Presser, 363.782, S–409 | 52 |
| Paper Sorter and Counter, 649.687, S–104 | 51 |
| Parcel-Post Clerk, 231.388 | 22 |
| Parking Enforcement Officer, 375.588, S–437 | 17 |
| Parking-Lot Attendant, 915.878 | 62 |
| Part Programmer, Numerical Control II, 007.187, S–431 | 2 |
| Parts Inspector, Textile Machinery, 628.684 | 50 |
| Paster, 773.884, S–112 | 56 |
| Patrolman, 375.268, S–236 | 13 |
| Patternmaker, Metal, 600.280, S–132 | 34 |
| Patternmaker, Wood, 661.281, S–132 | 34 |
| Payoff Operator, 503.885, S–98 | 47 |
| Pear Packer, 920.887, S–116 | 56 |
| Peddler I, 291.858 | 30 |
| Peeling-and-Coring-Machine Operator, 529.886, S–92 | 56 |
| Personnel Clerk, 205.368 | 14 |

| DOT title and code | OAP No. |
|---|---|
| Pet Shop Attendant, 356.887 | 21 |
| Pharmacist, 074.181, S–37R | 4 |
| Pharmacy Helper, 074.387 | 58 |
| Phonograph-Needle-Tip Maker, 770.781 | 43 |
| Photographer, Commercial, 143.062 | 7 |
| Photographer, Lithographic, 972.382, S–223R | 7 |
| Photo-Offset Lithography, 97_____, S–377R | 37 |
| Physical Therapist, 079.378, S–347 | 10 |
| Physicist, 023.081 | 1 |
| Pickler, 522.884 | 46 |
| Pilot-Control Operator, 559.782, S–19 | 3 |
| Pin Inserter, Regulator, 715.884 | 47 |
| Pinion Reamer, 715.887, S–152 | 44 |
| Pinsetter Mechanic, Automatic, 829.281, S–284 | 35 |
| Pipe and Coupling Sizer, 619.687, S–97 | 37 |
| Pipe Fitter, 862.381, S–61R | 37 |
| Pipe Fitter, Diesel Engine, 862.381 | 37 |
| Pipe-Line Construction Inspector, 869.387 | 36 |
| Pipe Walker, 619.687, S–97 | 37 |
| Placement Officer, 166.268 | 9 |
| Plasterer, 842.781, S–240 | 36 |
| Plasterer, 749.887 | 54 |
| Plastic Trimmer, 712.887, S–430 | 36 |
| Platen-Press Man, 651.782, S–40R | 34 |
| Plater, 500.380 | 42 |
| Plater Girl, 652.887 | 62 |
| Plumber, 862.381, S–61R | 37 |
| Plum Packer, 920.887, S–116 | 56 |
| Police Lieutenant, Precinct I, 375.168 | 13 |
| Polisher, 715.781 | 43 |
| Porcelain-Enamel Laborer, 509.887 | 54 |
| Posting Clerk, 219.588 | 17 |
| Post-Office Clerk, 232.368 | 39 |
| Post-Office Clerk, 232.368 | 39 |
| Poultry-Dressing Worker, 525.887, S–26 | 62 |
| Poultry Technician I, 412.387 | 36 |
| Pourer, Metal, 514.884 | 46 |
| Power-Lawn-Mower Assembler, 706.884, S–141 | 42 |
| Power-Plant Operator I, 952.782, S–106 | 47 |
| Power-Reactor Operator, 952.380 | 3 |
| Power-Screwdriver Operator, 669.885 | 55 |
| Precision-Lens Generator, 711.884 | 44 |
| Precision-Lens Grinder, 675.380, S–334 | 42 |
| Presser, Hand, 363.884, S–138 | 60 |
| Presser, Machine, 363.782, S–146 | 62 |
| Pressman, 559.885, S–17R | 56 |
| Pressman, O-Rings, 559.885, S–17R | 56 |
| Press Operator, 575.380, S–170 | 32 |
| Press Operator, 363.885 | 62 |
| Printed-Circuit Assembler, 726.884 | 59 |
| Printed-Napkin-Machine Operator, 649.885, S–73 | 45 |
| Printer, 773.884 | 56 |
| Printing Curricula, 65XX, 97XX, S–421 | 20 |
| Printer-Slotter Operator, 651.782, S–369 | 56 |
| Process Artist, 972.281, S–222R | 41 |
| Process Inspector, 736.381, S–277 | 34 |
| Processor, Solid Propellant, 590.884, S–279 | 52 |
| Production Clerk II, 221.388 | 14 |
| Production Coordinator, 221.168 | 11 |
| Production Foreman I, 699.138 | 10 |

| DOT title and code | OAP No. |
|---|---|
| Production-Machine Operator, 609.885, S–135 | 28 |
| Production-Machine Tender, 619.885 | 28 |
| Production Mechanic, Tin Cans, 619.380, S–370 | 19 |
| Programmer, Business, 020.188, S–314 | 1 |
| Programmer, Detail, Graphic Arts, 219.388, S–450 | 38 |
| Programmer, Engineering and Scientific, 020.188, S–316 | 1 |
| Prompter, 152.368 | 17 |
| Proof-Machine Operator, 217.388 | 33 |
| Proofreader I, 209.688, S–108 | 24 |
| Proof Technician, 199.181 | 34 |
| Proprietor-Manager, Retail Automotive Service, 185.168, S–298 | 14 |
| Psychiatric Aid, 355.878, S–287 | 22 |
| Psychiatric Technician, 079.368, S–327 | 9 |
| Pulper, 530.885 | 55 |
| Pumpman, 914.885 | 46 |
| Punch-Press Operator I, 615.782, S–44 | 56 |
| Punch-Press Operator II, 617.885 | 61 |
| Purchase Price Analyst, 162.188 | 4 |
| Put-In-Beat Adjuster, 715.884, S–150 | 47 |
| Quality-Control Inspector, 725.487 | 49 |
| Quality-Control Inspector, 579.387 | 58 |
| Radiation Monitor, 199.187, S–422 | 14 |
| Radiographer, 199.381, S–391 | 52 |
| Radioisotope-Production Operator, 015.380 | 42 |
| Radiologic Technologist, 078.368, S–80 | 10 |
| Radio-Receiver Assembler, 720.884, S–155 | 61 |
| Radio Repairman, 720.281, S–113R | 35 |
| Railway-Express Clerk, 910.368 | 39 |
| Rate Clerk, 219.488 | 23 |
| Raw-Stock Tubman, 582.886 | 62 |
| Reamer, 606.885, S–152 | 44 |
| Receiving Checker, 222.687 | 52 |
| Receiving-And-Shipping Foreman, 224.138 | 9 |
| Receptionist, 237.368 | 17 |
| Reclamation Man, 621.884 | 47 |
| Record-Press Tender, 556.885, S–46 | 50 |
| Recreation Leader, 195.288 | 12 |
| Refrigeration and Heating Mechanic, 637.251, S–413R | 15 |
| Refrigeration Mechanic, 637.281 | 15 |
| Refrigerator-Cabinet Installer, 827.884 | 48 |
| Refrigerator Tester, 827.387 | 42 |
| Registration Clerk, 109.368 | 17 |
| Regulator Inspector, 820.781 | 45 |
| Repairer, 753.884 | 51 |
| Repairman, 715.281, S–151 | 43 |
| Repairman, Assembled Wood Products, 769.884 | 53 |
| Repairman, Welding Equipment, 626.281 | 37 |
| Reservation Clerk I, 249.368 | 22 |
| Resistor Assembler, 826.884 | 27 |
| Resistor-Lead-Wire Assembler, 724.884 | 27 |
| Resistor Winder, 724.884, S–227 | 27 |
| Retail-Receiving Clerk, 222.478 | 30 |
| Retaining-Spring Attacher, 715.887, S–152 | 44 |
| Returned-Goods Sorter, 922.887 | 58 |
| Reviewer, 209.688 | 24 |
| Rewinder Operator, 640.885, S–429 | 48 |
| Rewind Operator, 509.782, S–98 | 47 |

| DOT title and code | OAP No. |
|---|---|
| Rifter, 571.884, S–1 | 46 |
| Rigger, 921.280 | 15 |
| Rigger Helper, 806.884 | 46 |
| Ring Maker III, 700.884, S–143 | 51 |
| Riveter, Aircraft, 800.884 | 46 |
| Rocking-Bar Adjuster, 715.887, S–152 | 44 |
| Rock Splitter, 771.884 | 46 |
| Rodman, 018.587 | 48 |
| Rolling-Mills Jobs, 613.381, 613.782, S–367 | 50 |
| Room Clerk, 242.368, S–332 | 14 |
| Rotary-Drill Helper, 930.884, S–328 | 42 |
| Routeman, Retail Dairy Products, 292.358, S–195 | 14 |
| Routeman, Wholesale Dairy Products, 292.358, S–196 | 14 |
| Router, 239.588 | 17 |
| Rug Inspector, 689.687 | 25 |
| Rug Measurer, 369.387 | 36 |
| Safe-Deposit Clerk, 249.368 | 14 |
| Safety Engineer, 909.128 | 3 |
| Safety Inspector, 168.284 | 13 |
| Sales Clerk, 290.478, S–278 | 30 |
| Salesman, Construction Machinery, 276.358, S–210 | 3 |
| Salesman, Real Estate, 250.358, S–249 | 11 |
| Salesperson, General, 289.458, S–276 | 14 |
| Salesperson, Men's Furnishings, 263.358 | 14 |
| Salesperson, Shoe, 263.358 | 14 |
| Salesperson, Sporting Goods, 286.358 | 14 |
| Salesperson, Women's Garments, 263.458 | 14 |
| Salvage Man, 710.384 | 58 |
| Salvage Man II, 638.281 | 37 |
| Sample Maker, Hand, 794.884 | 53 |
| Sampler, 554.484 | 40 |
| Sandblaster, 503.887 | 55 |
| Sand-Slinger Operator, 518.883, S–365 | 50 |
| Sanitary Inspector, 168.287 | 13 |
| Sawyer, 690.782 | 51 |
| Scaler, Sliced-Bacon, 920.887, S–35 | 61 |
| Scaler, Wood, 941.487 | 40 |
| Scanner, 015.281 | 34 |
| Schedule Maker, 913.168 | 16 |
| Scout, 010.288 | 31 |
| Scrapper, 794.887, S–83 | 51 |
| Screwdown Operator, 613.782, S–363 | 50 |
| Screw-Machine Operator, Production, 604.885 | 28 |
| Script Clerk, 969.368 | 13 |
| Seamer, 787.782, S–78 | 61 |
| Seamless Hosiery Knitter, 684.885, S–130 | 56 |
| Seamstress, 785.381, S–59 | 43 |
| Seamstress, Women's Garment Alterations, 785.381 | 43 |
| Second Helper, Open-Hearth, 512.884, S–356 | 50 |
| Second Loader, 949.884 | 46 |
| Secretary, 201.368 | 9 |
| Service Engineer, 626.251, S–183 | 15 |
| Service Supervisor, 184.168 | 9 |
| Set-Up Man, 617.780 | 42 |
| Set-Up Man, Sheet Metal, 616.380, S–406 | 52 |
| Sewage-Plant Attendant, 955.885 | 46 |
| Sewage-Plant Operator, 954.782, S–342 | 10 |
| Sewing-Machine Operator, Lingerie, 786.782, S–4 | 56 |
| Sewing-Machine Operator, Men's Tailored Garments, 786.782, S–4 | 56 |

| DOT title and code | OAP No. |
|---|---|
| Sewing-Machine Operator, Regular Equipment, 787.782, S–4 | 56 |
| Sewing-Machine Operator, Style Garments, 786.782, S–4 | 56 |
| Sewing-Machine Repairman, 639.281, S–319R | 47 |
| Shear Operator II, 615.885 | 46 |
| Sheet-Metal Worker, 804.281, S–82R | 42 |
| Shell Assembler, 737.884 | 51 |
| Shipfitter, 806.381, S–45R | 34 |
| Shipping Checker, 222.687 | 52 |
| Shipping and Receiving Clerk, 222.387 | 40 |
| Shipwright, 860.381 | 37 |
| Shop Estimator, 807.287 | 34 |
| Shop Tailor, 785.381 | 43 |
| Shrimp Picker, 529.886, S–265 | 51 |
| Sign Writer, Hand, 970.081 | 6 |
| Silk Finisher, 363.781, S–138 | 60 |
| Silk-Screen Printer, 979.884 | 53 |
| Sketch Maker, 972.381 | 41 |
| Slitting-Machine Operator II, 615.782, S–98 | 47 |
| Slubber Tender, 660.885 | 62 |
| Sociologist, 054.088, S–254 | 2 |
| Soil Conservationist, 040.081 | 3 |
| Solderer, Production Line, 814.884, S–142 | 49 |
| Sorter, 209.688, S–31 | 58 |
| Sorter, 222.687 | 57 |
| Sorter, 529.886, S–122 | 62 |
| Sorting-Machine Operator, 213.885 | 55 |
| Sound Man, 194.282 | 8 |
| Special Agent, Group Insurance, 169.168 | 4 |
| Specification Writer, Engineering, 019.288 | 3 |
| Spinner, Ring Frame, 682.885, S–53 | 62 |
| Spiral-Tube Winder, 640.782 | 60 |
| Splicer, 976.884 | 53 |
| Spooler Operator, Automatic, 689.886, S–427 | 48 |
| Spot-Welder Feeder, 819.886, S–89 | 62 |
| Spray Foreman, 465.137 | 10 |
| Spreader II, 781.884 | 51 |
| Stableman, 356.874 | 21 |
| Stacker, 774.884, S–268 | 61 |
| Stacking Machine Operator I, 692.782 | 47 |
| Stager, 971.884 | 53 |
| Staker, 715.884, S–152 | 44 |
| Stapling-Machine Operator, 692.885 | 61 |
| Statement Clerk, 209.388 | 39 |
| Stationary Engineer, 950.782, S–357R | 38 |
| Statistician, Applied, 020.188 | 1 |
| Steamer, 362.887 | 60 |
| Steam-Power-Plant Operator, 952.782, S–340R | 38 |
| Steel-Pourer Helper, 502.884 | 46 |
| Stemmer, Hand, 521.887, S–62 | 62 |
| Stemmer, Machine, 521.885, S–67 | 62 |
| Stenciler, 920.887 | 54 |
| Stenographer, 202.388, S–10 | 13 |
| Stenographic-Pool Supervisor, 209.138 | 9 |
| Steno-Type Operator, 202.388 | 13 |
| Stereotyper, 975.782, S–176R | 38 |
| Stillman, 542.280, S–68 | 21 |
| Stitching-Machine Set-Up Man, 653.780 | 44 |
| Stock Chaser, 221.387, S–64 | 23 |

| DOT Title and code | OAP No. |
|---|---|
| Stock Clerk, 223.387, S–2 | 40 |
| Stocking Inspector I, 684.684, S–65 | 57 |
| Stock Supervisor, 223.138 | 9 |
| Straightener, 709.884, S–152 | 44 |
| Straw-Hat-Machine Operator, 787.782, S–4 | 56 |
| Stripper, Machine, 741.887 | 54 |
| Stripper, 971.381, S–140R | 34 |
| Structural Engineer, 005.081 | 1 |
| Structural-Steel Lay-Out Man, 809.281, S–344R | 34 |
| Structural Steel Worker, 801.781, S–280 | 52 |
| Subassembler, 706.381 | 15 |
| Substation Operator, 952.782, S–312R | 11 |
| Supercargo, 911.168 | 16 |
| Supercharger Mechanic, 621.281 | 35 |
| Superintendent, 180.168 | 9 |
| Superintendent, Building II, 187.168 | 9 |
| Superintendent, Transportation, 184.168 | 9 |
| Supervisor, Cashiers, 211.138 | 4 |
| Supervisor, Credit Union, 186.168 | 9 |
| Supervisor, Education, 099.118 | 2 |
| Supervisor, Machine-Records Unit, 213.138 | 4 |
| Supervisor, Procurement Services, 162.168 | 9 |
| Supervisor, Training, 166.288 | 2 |
| Surgical Technician, 079.378, S–231 | 15 |
| Surveyor, 018.188, S–339 | 31 |
| Survey Worker, 249.268, S–6 | 2 |
| Sweep-Spring Attacher, 715.887, S–149 | 61 |
| Switchboard Operator, 952.782, S–312R | 11 |
| Systems Analyst, Business-Electronic-Data Processing, 012.168, S–315 | 1 |
| Systems Engineer, 169.228 | 3 |
| Table Worker, 920.887, S–28 | 61 |
| Tabulating-Machine Operator, 213.782, S–42 | 14 |
| Take-off Man, 929.887, S–84 | 49 |
| Tallyman, 223.588 | 57 |
| Tampering Inspector, 821.384 | 58 |
| Tank Builder and Erector, 860.381 | 37 |
| Tape-Recorder Repairman, 720.281 | 35 |
| Taxi Driver, 913.363 | 38 |
| Tea-Bag Operator, 920.885, S–301 | 28 |
| Teacher Aid, Elementary School, 099.368, S–398 | 39 |
| Teacher, Elementary School, 092.228, S–87 | 2 |
| Teacher, Handicapped Children, 094.228 | 2 |
| Teacher, Nursery School, 359.878, S–47 | 9 |
| Teacher, Secondary School, 091.228, S–87 | 2 |
| Teacher, Visiting, 099.208 | 2 |
| Telefax Clerk, 236.382 | 57 |
| Telegrapher, 236.588 | 18 |
| Telephone-Ad Taker, 249.368 | 29 |
| Telephone-Answering-Service Operator, 235.862, S–206 | 29 |
| Telephone Operator, 235.862 | 25 |
| Telephone-Quotation Clerk, 243.368 | 29 |
| Television Service-And-Repairman, 720.281, S–113R | 35 |
| Teller, 212.368, S–259 | 20 |
| Template Maker, Aircraft, 601.381 | 15 |
| Template Maker, Track, 809.884 | 53 |
| Tester, Compressed Gases, 549.384 | 40 |
| Tester-Conveyor Operator, 921.883, S–247 | 47 |
| Tester, Electrical Continuity, 729.684 | 49 |

| DOT Title and code | OAP No. |
|---|---|
| Tester, Television Picture Tubes, 720.684 | 49 |
| Test Technician, 019.281 | 34 |
| Thermostat Repairman, 710.781 | 45 |
| Thread-Entry-Conveyor Operator, 921.883 | 47 |
| Threader, 725.887, S–27 | 62 |
| Thread Inspector, 619.687, S–97 | 37 |
| Ticket Agent, 919.368, S–200 | 16 |
| Ticket Counter, 249.588 | 20 |
| Ticket Examiner, 979.687 | 57 |
| Ticket Girl, 361.488 | 23 |
| Ticket Marker, 229.588 | 17 |
| Tile Placer, 573.887, S–112 | 56 |
| Tile Sorter, 573.687, S–112 | 56 |
| Timekeeper, 219.388 | 14 |
| Timing-Machine Operator, 715.585, S–151 | 43 |
| Tire Builder, Automobile, 750.884, S–267 | 51 |
| Tire Inspector, 750.687 | 50 |
| Title Clerk, 168.368 | 17 |
| Tool Clerk, 223.387 | 40 |
| Tool-and-Die Maker, 601.280, S–212R | 34 |
| Tool Machine Set-Up Operator, 601.280 | 34 |
| Tool Repairman, 519.884 | 51 |
| Top Stitcher, 690.782, S–159 | 51 |
| Toy-Train Assembler 731.884, S–134 | 61 |
| Tractor-Trailer-Truck Driver, 904.883, S–124 | 23 |
| Traffic Clerk, 222.588 | 17 |
| Traffic Inspector, 184.168 | 10 |
| Trailer-Tank-Truck Driver, 903.883, S–124 | 23 |
| Train Dispatcher, 184.168 | 10 |
| Train Inspector, 715.381, S–151 | 43 |
| Transcribing-Machine Operator, 208.588 | 8 |
| Transfer Knitter, 684.782, S–125 | 47 |
| Transfer-Machine Operator, 609.885 | 28 |
| Transferrer I, 972.381, S–224R | 41 |
| Transformer-Coil Winder, 724.781 | 59 |
| Transportation Agent, 912.368, S–379 | 40 |
| Travel Clerk, 205.168 | 9 |
| Travel Clerk, 242.368 | 17 |
| Tray Leader, 715.887, S–152 | 44 |
| Tray-Line Worker, 355.878 | 48 |
| Tricot-Knitting-Machine Operator, 685.885, S–442 | 56 |
| Trimmer, 529.886, S–122 | 62 |
| Trimmer, 690.782 | 51 |
| Trimming-Machine Operator, 789.884 | 61 |
| Truck Driver, Heavy, 905.883 | 26 |
| Truck Driver, Light, 906.883 | 26 |
| Trucker, Hand, 929.887, S–260 | 55 |
| Truer, 616.484 | 50 |
| Tube Assembler, 725.884 | 61 |
| Tube Repairman, 750.884 | 51 |
| Turbine Operator, 952.782, S–312R | 11 |
| Turner, Machine, 770.884 | 43 |
| Turning-Sander Operator, 662.885 | 28 |
| Turret-Lathe Set-Up Operator, Tool, 604.280, S–33 | 42 |
| Typesetter-Perforator Operator, 208.588, S–297 | 8 |
| Typewriter Serviceman, 633.281, S–234 | 42 |
| Typing Section Chief, 203.138 | 9 |
| Typist, 203.588, S–10 | 13 |
| Underwriter, 169.188, S–14 | 4 |
| Union-Timestudy Man, 161.118 | 2 |

| DOT Title and code | OAP No. |
|---|---|
| Upholsterer II, 780.884, S–57 | 47 |
| Urban Planner, 199.168 | 10 |
| Usher, Head, 344.138 | 22 |
| Utility Man, 521.885 | 62 |
| Vari-Typist, 203.582 | 20 |
| Vending-Machine Repairman, 639.381, S–403 | 52 |
| Veneer Matcher, 669.687 | 48 |
| Venetian-Blind Assembler, 739.884, S–187 | 61 |
| Veterinarian, 073.108, S–58 | 6 |
| Waiter, Head, 311.138 | 22 |
| Waitress, 311.878, S–179 | 40 |
| Waitress II, 311.878, S–305 | 40 |
| Ward Clerk, 219.388, S–239 | 17 |
| Wardrobe-Specialty Worker, 346.381 | 43 |
| Washer, Agricultural Produce, 529.885 | 61 |
| Washer, Machine, 361.885 | 62 |
| Watch-and-Clock-Repair Clerk, 249.387 | 58 |
| Watchmaker, 715.281 | 43 |
| Watch Making Jobs, Balance Wheel Assembly Department, S–150 | 47 |
| Watch Making Jobs, Finishing Department, S–149 | 61 |
| Watch Making Jobs, Movement Assembly Department, S–151 | 43 |
| Watch Making Jobs, Sub-assembly-Other Department, S–152 | 44 |
| Water Filterer II, 954.782, S–139 | 23 |
| Water-Treatment-Plant Operator, 954.782, S–342 | 10 |
| Waxed-Bag-Machine Operator, 649.885, S–137 | 48 |
| Weather Observer, 025.288 | 31 |
| Weaver, 683.782, S–115 | 43 |
| Web-Press Man, 651.782, S–40R | 34 |
| Weigher, 224.487 | 40 |
| Weigher II, 224.487, S–95 | 61 |
| Weighing-Station Operator, 224.487, S–188 | 23 |
| Weight-Count Operator, 224.488 | 23 |
| Weight Taker, 224.688 | 17 |
| Weight-Yardage Checker, 589.488 | 23 |
| Welder, Arc, 810.884, S–211 | 47 |
| Welder, Combination, 812.884, S–126 | 47 |
| Welder, Production Line, 812.884, S–447 | 48 |
| Welder, Resistance Machine, 813.885 | 61 |
| Welder, Seam I, 810.782 | 51 |
| Welder Set-Up Man, Resistance Machine, 813.380 | 42 |
| Wheel Inspector, 715.387, S–150 | 47 |
| Wholesaler, 185.168 | 9 |
| Wig Dresser, 332.381 | 42 |
| Winding Inspector, 729.384 | 36 |
| Wink-Cutter Operator, 357.782 | 60 |
| Wire Drawer, 614.782, S–214 | 52 |
| Wireman, Street Light, 821.884 | 41 |
| Wires-Transfer Clerk, 203.588 | 57 |
| Women's Garment Fitter, 785.381 | 43 |
| Woodworking-Machine Operator, 669.782, S–144 | 28 |
| Wool-Fleece Grader, 413.687 | 25 |
| Wrapper Layer, 529.885, S–20 | 48 |
| Wrapper Layer and Examiner, Softwork, 529.885, S–20 | 48 |
| Writer, Technical Publications, 139.288 | 3 |
| Yard Foreman, 929.133 | 10 |
| Yard-Transfer-Conveyor Operator, 921.883, S–247 | 47 |
| Yarn-Testing Weighman, 589.487 | 40 |
| Yarn Winder, 681.885, S–360 | 62 |

# 9. List of Worker Trait Groups and OAP's in Which They Appear

| D.O.T. (page #) | WORKER TRAIT GROUP | OAP |
|---|---|---|
| 228 | Decorating and Art Work | 7 |
| 230 | Photography and Motion Picture Camera Work | 7 |
| 232 | Art Work | 6, 7 |
| 234 | Artistic Restoration, Decoration and Related Work | 7, 42 |
| 237 | Administration | 2, 4, 10 |
| 239 | Contract Negotiating and Related Work | 2 |
| 241 | Business Training | 11 |
| 243 | Supervisory Work (Clerical, Sales, and Related Activities) | 4, 9 |
| 245 | Managerial Work | 2, 4, 9, 13, 14, 22, 29 |
| 248 | Consultative and Business Services | 4, 29 |
| 250 | Interviewing, Information-Giving, and Related Work (Vocational, Educational and Related Activities) | 2, 9 |
| 252 | Accounting, Auditing, and Related Work | 4 |
| 254 | Title and Contract Search and Analysis and Related Work | 9 |
| 256 | Corresponding and Related Work | 9, 14 |
| 258 | Information Gathering, Dispensing, Verifying and Related Work | 10, 14, 17, 22, 29, 39 |
| 261 | Scheduling, Dispatching, Expediting, and Related Work | 2, 9, 10, 11, 16 |
| 263 | Secretarial and Related Work | 9, 13 |
| 265 | Facilities, Services and Movement Allocating and Expediting Work | 14, 16, 22, 39, 40 |
| 267 | Paying and Receiving (Banks and Other Establishments) | 20, 39 |
| 269 | Cashiering (Drug Stores, Theatres, Restaurants and Related Establishments) | 14 |
| 271 | Inspecting and Stock Checking | 23, 36, 37, 40, 42, 47, 52, 55, 58, 59 |
| 274 | Typesetting, Reproducing, and Related Machine Work | 2, 20, 29, 57 |
| 276 | Classifying, Filing and Related Work | 14, 17, 22, 29, 38, 39, 58 |
| 278 | Stenographic and Related Work | 13 |
| 280 | Computing and Related Recording | 14, 16, 17, 23, 25, 33, 58 |
| 282 | Sorting, Inspecting, Measuring and Related Work | 23, 25, 37, 40, 43, 44, 47, 48, 49, 50, 51, 52, 55, 56, 57, 59, 61 |
| 287 | Typing and Related Recording | 8, 13, 18, 57 |
| 289 | Routine Checking and Recording | 17, 20, 24, 29, 57, 58 |
| 291 | Switchboard Service | 25, 29 |
| 294 | Social Science, Psychological, and Related Research | 2, 3 |
| 296 | Guidance and Counseling | 2 |
| 299 | Supervisory Work (Farming, Logging, Manufacturing, Processing, Construction, Transportation and Related Activities) | 10, 12, 16 |
| 305 | Supervisory Work (Farming, Logging, Manufacturing, Processing, Construction, Transportation and Related Activities) | 10, 20 |
| 308 | Costuming, Tailoring and Dressmaking | 6 |
| 310 | Cooking and Related Work | 43 |
| 312 | Craftsmanship and Related Work | 2, 5, 8, 15, 17, 19, 34, 35, 36, 37, 38, 41, 42, 43, 47, 48, 50, 52, 54, 55 |
| 319 | Precision Working | 19, 34, 36, 37, 42, 43, 45, 46, 51, 52, 59, 60 |
| 322 | Manipulating | 15, 20, 21, 24, 27, 28, 36, 37, 39, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 56, 59, 60, 61, 62 |
| 333 | Supervisory and Instructive Work (Nursing and Related Services) | 2 |
| 335 | Industrial Training | 3 |
| 337 | Vocational Education | 2 |
| 339 | Flight and Related Training | 7 |
| 341 | High School, College, University and Related Education | 2 |

| D.O.T. (page #) | WORKER TRAIT GROUP | OAP |
|---|---|---|
| 343 | Kindergarten, Elementary School, and Related Education | 2 |
| 345 | Miscellaneous Instructive Work | 12, 17 |
| 349 | Training Services | 2 |
| 356 | Feeding-Offbearing | 47, 48, 51, 55, 56, 61, 62 |
| 360 | Handling | 23, 27, 36, 40, 43, 44, 45, 47, 49, 50, 51, 54, 55, 56, 57, 58, 60, 61, 62 |
| 371 | Engineering Research and Design | 1 |
| 373 | Sales Engineering | 5 |
| 375 | Engineering, Scientific, and Technical Coordination | 1 |
| 377 | Drafting and Related Work | 34 |
| 379 | Technical Work, Engineering and Related Fields | 34 |
| 381 | Engineering and Related Work | 2, 5 |
| 385 | Surveying, Prospecting, and Related Work | 31 |
| 387 | Technical Writing and Related Work | 3 |
| 404 | Miscellaneous Amusement and Recreation Work | 22, 23 |
| 411 | Cropping, Animal Farming, Gardening and Related Work | 26 |
| 413 | Technical Work, Science and Related Fields | 15, 30 |
| 416 | Investigating, Protecting and Related Work | 9, 13 |
| 418 | Materials Analysis and Related Work | 2, 4, 13, 31, 52 |
| 420 | Appraising and Investigating Work | 7, 13, 14, 34 |
| 422 | Transporting and Test Driving | 7 |
| 427 | Protecting and Related Work | 24 |
| 430 | Set Up And/Or All-Round Machine Operating | 3, 15, 19, 21, 26, 32, 34, 35, 37, 42, 47, 52 |
| 433 | Set Up and Adjustment | 42, 44 |
| 435 | Operating-Controlling | 3, 10, 11, 14, 23, 28, 34, 38, 43, 47, 48, 50, 51, 52, 56, 60, 61, 62 |
| 444 | Driving-Operating | 23, 26, 38, 47, 50, 55 |
| 447 | Tending | 13, 19, 26, 28, 43, 44, 45, 46, 47, 48, 50, 51, 55, 56, 59, 61, 62 |
| 461 | Supervisory Work (Service and Related Activities) | 22 |
| 466 | Scientific Research | 1, 3, 6, 31 |
| 468 | Mathematics, Physical Sciences, and Related Research | 1 |
| 473 | Medical, Veterinary, and Related Services | 1, 2, 6, 7 |
| 477 | Nursing, X-Ray, and Related Services | 7, 8, 9, 10, 15, 17, 18, 20, 52 |
| 479 | Child and Adult Care | 9, 18, 22, 48, 57 |
| 484 | Purchase and Sales Work | 2 |
| 486 | Sales and Service Work | 15 |
| 488 | Demonstration and Sales Work | 3, 11, 30 |
| 493 | Selling and Related Work | 30 |
| 499 | Beautician and Barbering Services | 42, 54 |
| 501 | Customer Service Work, N.E.C. | 30 |
| 503 | Miscellaneous Customer Service Work | 32, 48, 56, 62 |
| 507 | Miscellaneous Personal Service Work (Food Serving, Portering, Valeting and Related Activities) | 11, 40, 51, 56 |
| 511 | Animal Care | 21 |
| 514 | Motion Picture Projecting, Photographic Machine Work, and Related Activities | 7 |
| 516 | Radio and Television Transmitting and Receiving | 8 |
| 519 | Transporation Service Work | 38 |

☆ U.S. GOVERNMENT PRINTING OFFICE : 1977 O—249-439